



AGENDA

May 1, 2019

CITY COUNCIL MEETING

7:00 p.m.

Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us

THE CITY OF ROSEVILLE WELCOMES YOUR PARTICIPATION

If an agenda item is open to public comment, such public comment shall be addressed to the chair of the meeting.

Public Comment - Speakers have three minutes under Public Comment to speak on issues that are not listed on the agenda and are within the City's jurisdiction. The Brown Act does not permit any action or discussion on items not listed on the agenda.

Consent Calendar - If applicable, the Consent Calendar consists of routine items that may be approved by one motion. Any person can remove an item from the Consent Calendar to be discussed separately.

Agenda Items - Speakers have five minutes to address items that are listed on the agenda.

Americans with Disabilities Act - Notify the City Clerk or Secretary at least 72 hours in advance if special assistance is required to participate in a meeting including the need of auxiliary aids or services.

Audio/Visual Presentations - If making a presentation regarding an agenda item, audio/visual materials must be submitted to the City Clerk or Secretary at least 72 hours in advance.

Roseville City Clerk 311 Vernon Street, Roseville, CA 916-774-5200 TDD 916-774-5220

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PLEDGE OF ALLEGIANCE**
4. **MEETING PROCEDURES**
5. **PRESENTATIONS**
 - 5.1. Resolution of Commendation to Oakmont Jr. Viking Cheer Team

Oakmont Jr. Viking Cheer Team be commended on their win and wish them continued success in future endeavors.

CONTACT: Cary Busterna 916-774-5264 cabusterna@roseville.ca.us

5.2. Proclamation - National Small Business Week

Proclaim May 5 - 11, 2019 as National Small Business Week and encourage of support this national effort so America's small businesses can do what they do best - grow their businesses. create jobs, and ensure that our communities remain as vibrant tomorrow as they are today.

CONTACT: Laura Matteoli 916-774-5284 lmatteoli@roseville.ca.us

6. PUBLIC COMMENTS

7. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Minutes

7.1. Minutes of Prior Meetings

Memo from City Clerk Sonia Orozco requesting the City Council approve the minutes for the March 6, 2019 Closed Session and City Council/Successor Agency meeting, the March 13, 2019 City Council Budget Workshop, the March 20, 2019 Closed Session and City Council meeting, the April 3, 2019 City Council meeting, the April 8, 2019 Closed Session, and the April 17, 2019 Closed Session and City Council/Successor Agency meeting.

CC #: 0005

File #: 0102-03

CONTACT: Sonia Orozco 916-774-5269 sorozco@roseville.ca.us

Bids / Purchases / Services

7.2. Diamond Oaks Golf Course Roof Restoration (RFQ 10-3207) - Service Agreement

Memo from Buyer Tiffany Valdez and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-173 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND MADSEN ROOFING & WATERPROOFING, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (\$1908239). Staff recommends authorization of a service agreement to Madsen Roofing and Waterproofing, Inc. for the materials and labor to replace and repair the roof at the Diamond Oaks Golf Course. The total cost of the agreement is \$62,163.00. Funding is included in the Diamond Oaks Golf Course Operations FY2018-19 budget.

CC #: 9970

File #: 0702-01

CONTACT: Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

7.3. 645 Riverside Avenue Demolition (RFQ 10-3205) - Service Agreement

Memo from Buyer Tiffany Valdez and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-172 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND ANTHEM BUILDERS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1908238). This item authorizes a service agreement to Anthem Builders, Inc. for the materials and labor to complete the demolition, asbestos and lead abatement, and the restoration of disturbed land with hydroseeding at 645 Riverside Avenue. The total cost of the agreement is \$39,700.00. The 2017 FEMA grant used to acquire the property will also pay for 75% of the project's demolition cost with the City providing the remaining matching funds. Since the property will likely become part of the City's Dry Creek Greenway project, the local matching funds will be provided through Transportation Development Act (TDA) funds previously budgeted for that project. Therefore, \$29,775.00 is FEMA funded and \$9,925.00 is TDA funded. No General Fund resources will be used.

CC #: 9967

File #: 0309

CONTACT: Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

7.4. Heating, Ventilation, and Air Conditioning Maintenance and Repair – Service Agreement Amendment

Memo from Facility Manager Dan Allen and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-181 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND ACCO ENGINEERING SYSTEMS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1908043). The requested amendment is needed to increase spending authority in anticipation of unscheduled heating, ventilation, and air conditioning repairs and replacements that will be needed as the City approaches the start of the cooling season. The first amendment increases the current agreement by \$100,000.00, from \$80,000.00 to \$180,000.00. Funding for the amendment is already included in the Facility Rehab and Building Maintenance FY2018-19 budget.

CC #: 9980

File #: 0203-04

CONTACT: Dan Allen 916-774-5741 dallen@roseville.ca.us

7.5. Protective Relay Test System - Sole Source Purchase Order

Memo from Electric Operations Manager Jason Grace and Electric Utility Director Michelle Bertolino recommending the City Council authorize a sole source purchase order to Associated Power Solutions (APS) for the Electric Department's requirement of a protective relay test system. APS is the only supplier of this product for the City's geographic region. The cost of the protective relay test system is not to exceed \$70,000.00 (including tax and shipping). Funding is available in the FY2018-19 Electric Department budget.

CC #: 9986

File #: 0203-07

CONTACT: Jason Grace 916-774-5643 jgrace@roseville.ca.us

7.6. Calsense Irrigation Controllers (RFQ 10-3198) – Purchase Order Tax Adjustment

Memo from Buyer Babette Owens and Chief Financial Officer Dennis Kauffman recommending the City Council approve an increase to the amount of a purchase order by \$919.83 with Imperial Sprinkler Supply, Inc. for the purchase of Calsense irrigation sprinklers to cover the .5% tax increase that became effective on April 1, 2019. The tax adjustment increases the total cost of this purchase from \$197,302.32 to \$198,222.15. Funding is included in the General Equipment Replacement Fund and Park Operations Division's FY2018-19 district budgets.

CC #: 9978

File #: 0203-10

CONTACT: Babette Owens 916-774-5704 bowens@roseville.ca.us

7.7. Electric Substation Batteries and Battery Chargers - Sole Source Purchase Order Renewal

Memo from Electric Operations Manager Jason Grace and Electric Utility Director Michelle Bertolino recommending the City Council authorize the renewal of a sole source purchase order with GNB Industrial Power, a division of Exide Technologies, for substation batteries and battery chargers. The estimated annual cost is \$60,000.00, not to exceed budgeted amount. Funding is available in the FY2018-19 Electric Department budget.

CC #: 9974

File #: 0203-07

CONTACT: Jason Grace 916-774-5643 jgrace@roseville.ca.us

Resolutions

7.8. Sierra Crossing (W-50A) Park Project - Notice of Completion

Memo from Park Development Analyst Joel De Jong and Assistant City Manager Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-184 ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA CROSSING (W-50A) PARK PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE ASSISTANT CITY MANAGER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. Staff has made a final inspection of the Sierra Crossing (W-50A) Park project and has found that all contract work has been completed in accordance with the approved plans and specifications. The project is now ready for acceptance. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. Funding for the project was approved in the Capital Improvement Program in FY2016-17 using West Roseville Neighborhood Park Funds. Maintenance for this park is provided through the West Roseville Community Facilities District for Services. There is

no General Fund impact.

CC #: 9987

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.9. Street Closure Request - Downtown Tuesday Night Events

Memo from Recreation Superintendent Jeff Nereson and Assistant City Manager Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-174 APPROVING AN AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND DOWNTOWN ROSEVILLE MERCHANTS ASSOCIATION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests closure of South Grant Street between Oak Street and Atlantic Street; Vernon Street between Lincoln Street and Judah Street; and Taylor Street between Oak Street and Vernon Street between 3:00 p.m. – 11:00 p.m. every Tuesday night from June 4 – July 30, 2019 for the Roseville Downtown Tuesday Nights event. All costs associated with this event for City services will be reimbursed by the Downtown Roseville Merchants Association.

CC #: 9971

File #: 0109-02

CONTACT: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

7.10. On-Call Enterprise Permitting System Support Services - Professional Services Agreement

Memo from Development Services Administrator Joe Allen and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-183 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND TRUEPOINT SOLUTIONS, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of a sole source professional services agreement with TruePoint Solutions to perform consulting services in support of the City's enterprise permitting system (Accela Automation). The value of this service agreement for the remainder of FY2018-19 is \$28,000 and \$210,000 for FY2019-20 for a total not to exceed \$238,000.00. The cost of ongoing maintenance associated with the enterprise permitting system is supported entirely by development through permit fees, resulting in no impact to the General Fund. Funds are currently available in the Development Services Department's FY2018-19 budget for the remainder of the fiscal year. Funding for FY2019-20 is in the department's proposed budget for the next fiscal year, pending City Council approval.

CC #: 9985

File #: 0800-06

CONTACT: Joe Allen 916-774-5165 jallen@roseville.ca.us

7.11. On-Call Material Testing Services - Professional Services Agreements

Memo from Senior Engineer Jose Lopez and Development Services Director

Mike Isom recommending the City Council adopt RESOLUTION NO. 19-193 APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND ENGEO, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-194 APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND BLACKBURN CONSULTING, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of two (2) professional services agreements for on-call materials testing services with ENGEO and Blackburn Consulting. Each agreement has a not-to-exceed amount of \$600,000.00 per year. The cost of special materials testing is billed to development projects and capital improvement project budgets as services are rendered.

CC #: 9999

File #: 0800-06

CONTACT: Jose Lopez 916-774-5444 jlopez@roseville.ca.us

7.12. On-Call Construction Inspection Services - Professional Services Agreements

Memo from Senior Engineer Jose Lopez and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-191 APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND PSOMAS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-192 APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND 4LEAF, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of two (2) professional services agreements for on-call construction inspection services with Psomas and 4Leaf, Inc. The entire amount of these agreements is considered "pass-through" in which all services would be reimbursed by either owners/developers or allocated Capital Improvement Project budgets with no expenses incurred by the General Fund. Each contract has a term of two years with two, one-year optional renewals, and not-to-exceed contract amounts of \$600,000.00 per year for the term of each agreement.

CC #: 9998

File #: 0800-06

CONTACT: Jose Lopez 916-774-5444 jlopez@roseville.ca.us

7.13. Village at Sierra Vista - City/Developer Reimbursement Agreement

Memo from Principal Engineer Matt Todd and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-187 APPROVING A CITY/DEVELOPER REIMBURSEMENT AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests the approval and execution of a

reimbursement agreement for the construction of public improvements beyond the scope of the developer's subdivision improvements associated with the Villages at Sierra Vista project. The reimbursement of \$2,131,495.87 is funded through the City's Traffic Mitigation Fund and the City-County Traffic Mitigation Fund, specifically from the City's Developer Reimbursement account. Consequently, this item will have no impact to the City's General Fund.

CC #: 9993

File #: 0400-04-12 & 1008

CONTACT: Matthew Todd 916-774-5562 mtodd@roseville.ca.us

7.14. Roseville Short Range Transit Plan Adoption

Memo from Alternative Transportation Manager Mike Dour and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-190 ADOPTING THE ROSEVILLE SHORT RANGE TRANSIT PLAN 2018-2025. The Transportation Commission recommends the City Council adopt the plan as prepared. Adoption of the plan itself does not incur any financial commitments. Implementation of plan recommendations will involve further analysis by staff, solicitations of public input, review by the Transportation Commission for significant changes, and City Council approval for major service changes or agreements. Any proposed additional costs associated with implementation of future service recommendations would be funded through the Local Transportation Fund, or in combination with grant funding, and would have no impact on the General Fund.

CC #: 9997

File #: 0721-01

CONTACT: Mike Dour 916-746-1304 mdour@roseville.ca.us

7.15. Sierra Vista Specific Plan Westpark-Federico - Resolution of Intention to Annex Into Community Facilities District No. 3 (Municipal Services) Annexation 21

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-185 A RESOLUTION OF INTENTION TO ANNEX TERRITORY TO COMMUNITY FACILITIES DISTRICT AND TO AUTHORIZE THE LEVY OF SPECIAL TAXES THEREIN CITY OF ROSEVILLE Community Facilities District No. 3 (Municipal Services) Annexation No. 21 (SVSP Westpark-Federico). Prior to the issuance of the first residential building permit (excluding model homes), the landowner is obligated to annex into Community Facilities District No. 3 (Municipal Services) (CFD No. 3) per the development agreement. The annexation into CFD No. 3 helps offset the property's impact on the City's General Fund resources available to pay for municipal services and therefore will not negatively impact the General Fund.

CC #: 9989

File #: 0206-03-01

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

7.16. Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery

Projects PG&E Deed Easement Approval

Memo from Senior Engineer Tracie Mueller and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-195 AUTHORIZING THE CITY MANAGER'S EXECUTION OF THE EASEMENT DEED TO THE PACIFIC GAS AND ELECTRIC COMPANY FOR THE PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION PROJECT AND ENERGY RECOVERY PROJECT. This item requests approval of the Pacific Gas & Electric (PG&E) Deed Easement for the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery project. PG&E will need to install a new pipeline and a new facility that will regulate, meter, and deliver gas from their existing high pressure transmission line located just west of the Pleasant Grove Wastewater Treatment Plant to the Energy Recovery Project site to meet the natural gas needs of the expansion project and Energy Recovery project. There is no fiscal impact to the City.

CC #: 0001

File #: 0900-02-02-2 & 1002-06

CONTACT: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

7.17. Pleasant Grove Wastewater Treatment Plant Programmable Logic Controller Program Conversion & Update - Professional Services Agreement

Memo from Preventative Maintenance Supervisor Trent Johnson and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-182 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND EMA, INC. DBA EMA OF MINNESOTA, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests a professional services agreement with EMA Inc. for Programmable Logic Controller program conversion and update services. The total cost for these services is \$134,400.00. Funding is included in the approved Wastewater Treatment Plant Programmable Logic Controller Rehabilitation project.

CC #: 9983

File #: 0800-02

CONTACT: Trent Johnson 916-746-1837 trentjohnson@roseville.ca.us

7.18. California Water/Wastewater Agency Response Network Mutual Assistance Agreement for Disaster Assistance

Memo from Acting Water Utility Manager Sean Bigley and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-186 APPROVING THE ARTICLES OF AGREEMENT, CALIFORNIA WATER/WASTEWATER AGENCY RESPONSE NETWORK, WARN 2007 OMNIBUS MUTUAL ASSISTANCE AGREEMENT, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item recommends City Council authorization to allow the City to participate in the CalWARN system designed to provide mutual assistance to water and wastewater systems impacted by natural and man-made disasters. There is no

cost to join the CalWARN system.
CC #: 9992

File #: 0800-02

CONTACT: Sean Bigley 916-774-5513 sbigley@roseville.ca.us

7.19.2018 Water and Recycled Water Model Updates Project - Professional Services Agreement

Memo from Senior Engineer Colleen Boak and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-171 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND BROWN AND CALDWELL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval and award of a professional services agreement in the amount of \$321,305.00 to provide consultant services for the 2018 Water and Recycled Water Model Updates project. The contract amount will be paid from the existing capital improvement project budget, which is funded by the Water Rehabilitation fund.

CC #: 9966

File #: 0800-02

CONTACT: Colleen Boak 916-774-5535 cboak@roseville.ca.us

7.20.Dry Creek Wastewater Treatment Plant Cogeneration Project - Extension Agreement

Memo from Senior Engineer Colleen Boak and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-175 RATIFYING THE CITY MANAGER'S EXECUTION OF A GAS AND ELECTRIC EXTENSION AGREEMENT WITH PACIFIC GAS & ELECTRIC FOR THE DRY CREEK WASTEWATER TREATMENT PLANT COGENERATION PROJECT. This item requests ratification of the City Manager's signature of a Gas and Electric Extension Agreement with Pacific Gas & Electric in the amount of \$37,795.06 to support the Dry Creek Wastewater Treatment Plant Cogeneration project. The cost of this Extension Agreement will be paid from the existing capital improvement project budget, which is funded by the Wastewater Rehabilitation Fund.

CC #: 9972

File #: 0900-02-02-1

CONTACT: Colleen Boak 916-774-5535 cboak@roseville.ca.us

7.21.Northwest Roseville Specific Plan Parcel 11 (Liberty Village) - Affordable Purchase Housing Agreement

Memo from Housing Analyst Trisha Isom and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 19-189 APPROVING AN AFFORDABLE PURCHASE HOUSING AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND TAYLOR MORRISON OF CALIFORNIA, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of an Affordable Purchase Housing

Agreement (APHA) with Taylor Morrison Homes, developers of Northwest Roseville Specific Plan Parcel 11 (aka Liberty Village), who is required to enter into an APHA with the City to implement the affordable housing obligations for the parcel. In accordance with the City's General Plan requirements, the developer will build 5 of the subdivision's 53 homes as affordable purchase units available to low and middle income buyers. The subsidies for the program are funded by the developer and do not impact the General Fund.

CC #: 9996

File #: 0709-03-01

CONTACT: Trisha Isom 916-746-1239 tisom@roseville.ca.us

Danielle Foster 916-774-5446 dfoster@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

7.22. Residential Tree Removal in North Central Landscape and Lighting District - Budget Adjustment

Memo from Parks Superintendent Eric Dexter and Assistant City Manager Dion Louthan recommending the City Council adopt ORDINANCE NO. 6084 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests City Council approval of a budget adjustment in the amount of \$25,000.00 for increased expenses in the North Central Landscape and Lighting District budget. There is sufficient fund balance in the identified landscape and lighting district to accommodate this request. There is no impact to the General Fund FY2018-19 budget.

CC #: 9988

File #: 0206-08-01 & 0201-01

CONTACT: Eric Dexter 916-746-1769 edexter@roseville.ca.us

7.23. Staffing Allocation and Salary Schedule Changes

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt ORDINANCE NO. 6089 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6065, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES, AS AMENDED BY APPENDIX "C" TO BE EFFECTIVE MAY 11, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6090 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6048, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY THE INTERNATIONAL UNION OF OPERATING ENGINEERS, STATIONARY ENGINEERS, LOCAL 39, AS AMENDED BY APPENDIX "P" TO BE EFFECTIVE MAY 11, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6091 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6061, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "B", TO BE EFFECTIVE MAY 11, 2019 AS AN URGENCY MEASURE; and adopt

ORDINANCE NO. 6092 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6043, THE SALARY ORDINANCE FOR SEASONAL/TEMPORARY EMPLOYEES, AS AMENDED BY APPENDIX "I" TO BE EFFECTIVE MAY 11, 2019, AS AN URGENCY MEASURE. Staff recommends the City Council approve Local 39, Roseville Firefighters, and Management A & B Salary Schedules, Temporary Salary Schedule and approve the addition of eight (8) new full-time equivalent allocations, the deletion of ten (10) allocations and the reclassification of thirty-one (31) allocations on the citywide allocation schedule. The recommended position changes will result in net cost savings to the General Fund in FY2018-19. The costs associated with the three ERP Business Analyst positions and the 6 new half-time positions for the Passport Center will not be realized in FY2018-19, as the new job classes will require recruitment in order to fill positions. The total fiscal impact to the General Fund in the proposed FY2019-20 budget is a cost of \$286,976.00. In subsequent fiscal years, the three ERP Business Analyst positions will be allocated to other City funds using the City's cost allocation plan, resulting in an estimated General Fund cost recovery of \$201,980.00 and a total net cost of \$84,996.00. There are adequate resources available in the FY2018-19 budget to fund the recommended position changes. All of the recommended position changes will be included in the proposed FY2019-20 budget.

CC #: 0004

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

7.24. Washington Boulevard and All America City Boulevard Roundabout Project - Budget Adjustment

Memo from Associate Engineer Noah Siviglia and Acting Public Works Director Jason Shykowski recommending the City Council adopt ORDINANCE NO. 6085 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff recommends a budget adjustment transferring funds from the Local Transportation Fund for the design of a multilane roundabout at the intersection of Washington Boulevard and All America City Boulevard. The budget adjustment will supply funding for the civil engineering design contract with Kimley Horn and Associates Inc. as well as funds for City staff time for design review and project management. The total amount of the budget adjustment is \$600,000.00. No General Fund resources will be used on this project.

CC #: 9991

File #: 0201-01 & 0900-04-02

CONTACT: Noah Siviglia 916-746-1379 nsiviglia@roseville.ca.us

7.25. Completion of Reimbursable Public Improvements - Budget Adjustment

Memo from Principal Engineer Matt Todd and Development Services Director Mike Isom recommending the City Council adopt ORDINANCE NO. 6082 OF

THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This item requests the approval and execution of a budget adjustment to transfer \$1,500,000.00 from the Traffic Mitigation Fee (TMF) fund and \$300,000.00 from the City-County TMF fund, for a total of \$1,800,000.00, to the City's Developer Reimbursement account. The transfer will allow the City to pay the obligated reimbursement to developers for completion of public improvements beyond the scope of their projects. This item will have no impact to the City's General Fund.

CC #: 9969

File #: 0201-01 & 0800-06

CONTACT: Matt Todd 916-774-5562 mtodd@roseville.ca.us

7.26. Cable Studio Renovations Project - Budget Adjustment

Memo from Business Services Administrator Janet Vargas and Environmental Utilities Director Richard Plecker recommending the City Council adopt ORDINANCE NO. 6083 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff is requesting approval of a budget adjustment of \$173,000.00 to establish a project to renovate the former cable studio space at the Mahany Library into offices and workspace for Utility Exploration Center staff. Funding is available in four utilities funds: Electric, Water Rehabilitation, Wastewater Rehabilitation, and Solid Waste Rehabilitation.

CC #: 9977

File #: 0201-01 & 0900-07

CONTACT: Janet Vargas 916-774-5557 jvargas@roseville.ca.us

Reports / Requests

7.27. Breton Village - Approval of Final Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Breton Village final map. The Engineering Division has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 53 residential lots, 3 landscape lots, 9 common area lots and 1 lot for private streets. The landscape, common area, and private streets will be owned and maintained by the private homeowners association. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9968

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

7.28. Out of State Travel Request – Electric Department

Memo from Power Generation Superintendent Matthew Garner and Electric

Utility Director Michelle Bertolino recommending the City Council approve out of state travel for Roseville Electric staff to attend power plant distributed control system training in Alpharetta, Georgia between May 20, 2019 and July 12, 2019. Travel costs are estimated at \$27,631.52 and funds are available in the current fiscal year budget.

CC #: 9982

File #: 0600-02

CONTACT: Matthew Garner 916-746-1691 mgarner@roseville.ca.us

7.29. Sales Tax on City Purchases

Memo from Accounts Payable Supervisor Christy Cossairt and Chief Financial Officer Dennis Kauffman requesting authority from City Council to pay an additional .5% in applicable sales tax for contracts entered into prior to April 1, 2019 where the sole reason for any price increase is the new 7.75% sales tax rate. This one time authority will eliminate the staff time required to take each separate contract back to City Council for amendment. This will result in a .5% price increase on the impacted contracts, but will ultimately not result in a fiscal loss, as the new .5% sales tax will come back to the City in the form of sales tax revenue.

CC #: 9990

File #: 0210

CONTACT: Christy Cossairt 916-774-5477 ccossairt@roseville.ca.us

END OF CONSENT CALENDAR

8. ORDINANCES

8.1. International Brotherhood of Electrical Workers Local 1245 - Memorandum of Understanding

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO. 19-196 APPROVING A MASTER MEMORANDUM OF UNDERSTANDING FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6086 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5913, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-A), AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6087 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5914, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-A2), AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6088 OF THE COUNCIL OF THE CITY OF

ROSEVILLE AMENDING ORDINANCE NO. 5915, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-B), AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE. Staff recommends approval of a Memorandum of Understanding (MOU) with the International Brotherhood of Electrical Workers for a three (3) year term. The cost to the FY2018-19 budget will be \$109,826.00, which will be covered by existing funds. The overall ongoing projected costs of salary and benefit increases in the three (3) year MOU is \$2,489,386.00, not accounting for the costs in years 2 and 3 of the labor market adjustments to maintain salaries at the 75th percentile for job classes in the electric utilities or market median. Labor market adjustments will be recommended to the City Council prior to approval.

CC #: 0002

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

9. SPECIAL REQUESTS/REPORTS/PRESENTATION

9.1. Internal Service Funds and Cost Allocation Plan Overview

Memo from Budget Manager Scott Pettingell and Chief Financial Officer Dennis Kauffman with a presentation on the City's internal service funds and cost allocation plan for fiscal year 2019-20 budget development.

CC #: 9981

File #: 0200

CONTACT: Scott Pettingell 916-774-1306 spettingell@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

9.2. City of Roseville Financial Policies for Fiscal Year 2019-20

Memo from Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-180 ADOPTING THE CITY OF ROSEVILLE FINANCIAL POLICIES, EFFECTIVE JULY 1, 2019. The financial policies recommended for adoption include the Investment Policy, the Debt Management Policy, the General Fund Reserves Policy, the Capital Improvement Program Rehabilitation Funding Policy, the Pension Funding Policy, the Other Post-Employment Benefits Funding Policy, the Workers' Compensation and General Liability Funding Policy, the Interfund Loans Policy, and the Requests for Proposals Policy. Approval of the policies has no fiscal impact.

CC #: 9979

File #: 0200

CONTACT: Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

10. PUBLIC HEARING

NOTICE TO THE PUBLIC

City Council, when considering the matter scheduled for hearing, will take the

following actions:

1. Open the Public Hearing
2. Presentation by Staff
3. Presentation by applicant or Appellant
4. Accept Public Testimony
5. Appellant or Applicant Rebuttal Period
6. Close the Public Hearing
7. City Council Comments and Questions
8. City Council Action

In the future, if you wish to challenge in court any of the matters on this agenda for which a public hearing is to be conducted, you may be limited to raising only those issues, which you, or someone else raised orally at the Public Hearing or in written correspondence received by the City or before the hearing

Public Hearings listed for continuance will be continued as noted and posting of this agenda serves as notice of continuation.

10.1. Electric Backbone Mitigation Fee Reduction Proposal

Memo from Assistant Electric Utility Director Philip McAvoy and Electric Utility Director Michelle Bertolino recommending the City Council introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTIONS 4.54.020 AND 4.54.050 OF CHAPTER 4.54 OF TITLE 4 OF THE ROSEVILLE MUNICIPAL CODE REGARDING ELECTRIC BACKBONE MITIGATION FEE. The purpose of these amendments is to update the Electric Backbone Mitigation Fee schedule based on a consultant nexus study that found the fee can be reduced due to reduced future backbone capital improvement costs. The backbone elements of the Roseville Electric distribution system are the substations and high voltage power lines. The fee is proposed to be reduced by approximately 30%. The new fee will take effect July 1, 2019 after adoption by the City Council. Although the Electric Backbone Mitigation Fee is being reduced, there is no anticipated net fiscal impact to the City as the reduced revenues are offset by reduced expenses. There is no expected impact to the General Fund as a result of the adoption of this proposal.

CC #: 9973

File #: 0800-03 & 0215

CONTACT: Eric Campbell 916-774-5626 ecampbell@roseville.ca.us

10.2. Sierra Vista Specific Plan Westpark-Federico - Community Facilities District No. 1 (Public Facilities)

Public Hearing continued to the meeting of June 5, 2019.

CC #: 0006

File #: 0206-03-01

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us

Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

10.3.Master Schedule of User and Regulatory Fees Adoption

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-179 ADOPTING A MASTER SCHEDULE OF USER AND REGULATORY FEES, EFFECTIVE JULY 1, 2019 THROUGH JUNE 30, 2020. The City's schedule of user and regulatory fees identifies fees for services and activities provided at the request of, or on behalf of, a single party as opposed to the public at large. The fiscal impact of the proposed fee changes is approximately \$265,000.00 in additional revenue.

CC #: 9976

File #: 0215

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

10.4.North Industrial Planning Area Parcel 25 - General Plan Amendment and Rezone

Memo from Assistant Planner Kinarik Shallow and Development Services Director Mike Isom recommending the City Council consider the 2nd Addendum to the NIPA PCL 50-Foothills Corporate Center Grading Plan Mitigated Negative Declaration, and adopt RESOLUTION NO. 19-188 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt the two (2) findings of fact; and introduce for first reading an ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The applicant requests approval of a General Plan Amendment and Rezone to allow for changes in land use and zoning for two parcels located on Parcel 25 in the North Industrial Planning Area. The resulting zoning and land use would increase the acreage dedicated to Light Industrial while reducing the acreage dedicated to Neighborhood Commercial land uses. This action has no significant impacts to the City's General Fund.

CC #: 9994

File #: 0400-03 & 0400-06-02 & 0400-04-18-02 & 0400-02

CONTACT: Kinarik Shallow 916-746-1309 kshallow@roseville.ca.us

10.5.Huntington Senior Apartments – General Plan Amendment, Rezone, Summary Vacation of Right-of-Way, and Approval of Grant Deed

Memo from Senior Planner Lauren Hocker and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-176 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt the two (2) findings of fact; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY

LOCATED WITHIN THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-177 ORDERING SUMMARY VACATION OF RIGHT-OF-WAY AT 1650 HUNTINGTON DRIVE; and adopt RESOLUTION NO. 19-178 DECLARING A 3,933 SQUARE-FOOT PORTION OF ASSESSOR'S PARCEL NUMBER 048-260-032-000 AS SURPLUS AND AUTHORIZING THE CITY MANAGER'S EXECUTION OF THE GRANT DEED. The applicant requests approval of a General Plan Amendment and Rezone to facilitate development of the site with a 76-unit age-restricted apartment complex, a Summary Vacation of unused City right-of-way, and a Grant Deed for a 3,933 square-foot portion of surplus City property associated with Assessor's Parcel Number 048-260-032-000, to be granted to the adjacent property owner of 1650 Huntington Drive. These requests have no significant impacts to the City's General Fund.

CC #: 9975

File #: 0400-04-17-2 & 0400-03 & 0400-02 & 1004-01 & 1001-01

CONTACT: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

10.6. Proposed Water, Wastewater and Solid Waste Utility Rate Adjustments and Municipal Code Revision for Fiscal Year 2019-20 and Fiscal Year 2020-21

Memo from Rate Analyst Ryley Kelly and Environmental Utilities Director Richard Plecker recommending the City Council introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTIONS 9.12.100 OF CHAPTER 9.12 OF TITLE 9, AMENDING SECTIONS 14.08.025, 14.08.090, AND 14.08.100 OF CHAPTER 14.08 OF TITLE 14, DELETING SECTION 14.08.091 OF CHAPTER 14.08 OF TITLE 14, AND AMENDING SECTIONS 14.16.060, 14.16.080, 14.16.200 AND 14.16.201 OF CHAPTER 4.16 OF TITLE 14 OF THE ROSEVILLE MUNICIPAL CODE REGARDING GARBAGE, WATER AND WASTEWATER RATES AND SERVICES. This public hearing is being held to receive public comment regarding proposed rate adjustments effective July 5, 2019 for water, wastewater, and solid waste utility rates and associated amendments to the City's Municipal Code. The proposed rate adjustments would result in increased revenue necessary to maintain current utility levels of service.

CC #: 9984

File #: 0800-02

CONTACT: Janet Vargas 916-774-5557 jvargas@roseville.ca.us
Ryley Kelly 916-746-1781 rkelly@roseville.ca.us

11. COUNCIL / STAFF / REPORTS/ COMMENTS

12. ADJOURNMENT



COUNCIL COMMUNICATION

CC #: 0003
File #: 0102-10

Title: Resolution of Commendation to Oakmont Jr. Viking Cheer Team
Contact: Cary Busterna 916-774-5264 cabusterna@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 5.1.

RECOMMENDATION TO COUNCIL

Oakmont Jr. Viking Cheer Team be commended on their win and wish them continued success in future endeavors.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

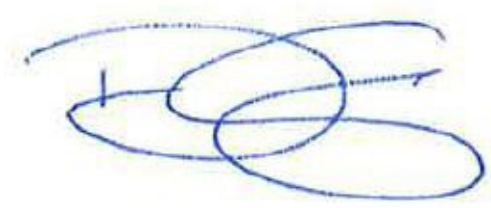
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonable foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). Ceremonial documents do not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Cary Busterna, Deputy Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Oakmont Jr. Viking Cheer Team

CITY OF ROSEVILLE



OF

COMMENDATION

WHEREAS, the Oakmont Jr. Vikings Cheer team is proud to work with the youth of the community to teach the fundamentals of cheer; and

WHEREAS, the Oakmont Jr. Vikings Cheer team provides structured programs to educate participants in all aspects of cheer, and sportsmanship, and teamwork; and

WHEREAS, the Oakmont Jr. Vikings Cheer team worked very hard in the 2019 football season, by cheering at 10 football games, performing at 4 competitions, and attending the largest youth nationals competition in the nation, the JAMZ National, in Las Vegas, Nevada; and

WHEREAS, Twenty-five from the Oakmont Jr. Vikings Cheer team practiced an additional 60 hours to qualify at two additional competitions prior to 2019 JAMZ National competition win in Las Vegas Nevada; and

WHEREAS, the Oakmont Jr. Vikings Cheer team deservingly won the 1st place trophy and National Champ Jackets at the 2019 JAMZ National Championship; and

NOW, THEREFORE, I, JOHN B. ALLARD II, MAYOR OF THE CITY OF ROSEVILLE, CALIFORNIA, do hereby commend the **OAKMONT Jr. VIKINGS CHEER TEAM** on their win and wish them continued success in future endeavors.

SIGNED this 1st day of May, 2019.

JOHN B. ALLARD II, MAYOR

ATTEST:

**SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE, CALIFORNIA**





COUNCIL COMMUNICATION

CC #: 9995
File #: 0102-06

Title: Proclamation - National Small Business Week
Contact: Laura Matteoli 916-774-5284 lmatteoli@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 5.2.

RECOMMENDATION TO COUNCIL

Proclaim May 5 - 11, 2019 as National Small Business Week and encourage of support this national effort so America's small businesses can do what they do best - grow their businesses. create jobs, and ensure that our communities remain as vibrant tomorrow as they are today.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

ENVIRONMENTAL REVIEW

Proclamations are not considered a "project" as defined by the California Environment Quality Act (CEQA) (CEQA guidelines Section 5378). Consequently, no CEQA action is required.

Respectfully Submitted,

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Proclamation - National Small Business Week

CITY OF ROSEVILLE



NATIONAL SMALL BUSINESS WEEK

May 5 – 11, 2019

WHEREAS, America's progress has been driven by pioneers who think big, take risks, and work hard; and

WHEREAS, from the storefronts that anchor Downtown Roseville and the Historic District to the high-tech startups that keep America on the cutting edge, small businesses are the backbone of our economy and cornerstones of our nation's promise; and

WHEREAS, small business owners within Downtown Roseville, the Historic District, and throughout the city have energy and passion for what they do; and

WHEREAS, when we support small business, jobs are created and local communities preserve their unique culture; and

WHEREAS, because this country's 30 million small businesses create nearly two out of three net new jobs in our economy, we cannot resolve ourselves to create jobs and spur economic growth in America without discussing ways to support our entrepreneurs; and

WHEREAS, the President of the United States has proclaimed National Small Business Week every year since 1963 to highlight the programs and services available to entrepreneurs through the U.S. Small Business Administration and other government agencies; and .

NOW, THEREFORE, I, JOHN B. ALLARD II, MAYOR OF THE CITY OF ROSEVILLE, CALIFORNIA, do hereby proclaim May 5 – 11, 2019 as NATIONAL SMALL BUSINESS WEEK and encourage of support this national effort so America's small businesses can do what they do best – grow their businesses, create jobs, and ensure that our communities remain as vibrant tomorrow as they are today.

SIGNED this 1st day of May, 2019.

JOHN B. ALLARD II, MAYOR

ATTEST:

**SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE, CALIFORNIA**





COUNCIL COMMUNICATION

CC #: 0005
File #: 0102-03

Title: Minutes of Prior Meetings
Contact: Sonia Orozco 916-774-5269 sorozco@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.1.

RECOMMENDATION TO COUNCIL

Recommend the City Council approve the minutes of the following meetings:

- March 6, 2019 Closed Session and City Council/Successor Agency meeting
- March 13, 2019 City Council Budget Workshop
- March 20, 2019 Closed Session and City Council meeting
- April 3, 2019 City Council meeting
- April 8, 2019 Closed Session
- April 17, 2019 Closed Session and City Council/Successor Agency meeting

BACKGROUND

There is no background associated with this item. The request is to approve the minutes of prior meetings.

FISCAL IMPACT

Not applicable.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonable foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The approval of minutes does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Sonia Orozco, City Clerk

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, likely representing the name Sonia Orozco.

Dominick Casey, City Manager

ATTACHMENTS:

Description

March 6, 2019 Closed Session and City Council/Successor Agency minutes

March 13, 2019 City Council Budget Workshop minutes

March 20, 2019 Closed Session and City Council minutes

April 3, 2019 City Council minutes

April 8, 2019 Closed Session minutes

April 17, 2019 Closed Session and City Council/Successor Agency minutes



MINUTES

March 6, 2019

CITY COUNCIL CLOSED SESSION

6:00 p.m.

CITY COUNCIL MEETING HOUSING AUTHORITY MEETING

7:00 p.m.

Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us

CLOSED SESSION

6:00 p.m.

Conference with Legal Counsel – Existing Litigation

Pursuant to Government Code Section 54956.9(d)(1)

City of Roseville v. Abacus Solutions, Inc.

Placer County Superior Court, Case Number SCV0040897

Contact: Robert Schmitt 916-774-5325 rschmitt@roseville.ca.us

Conference with Labor Negotiators

Pursuant to California Government Code Section 54957.6

Agency designated representative: Stacey Peterson

Employee Organizations: Roseville Police Association;

Roseville Firefighters, Local 1592; Local 39; IBEW

and Management/Confidential Employees (unrepresented employees)

Contact: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Closed Session Disclosure: City Attorney Robert Schmitt reported no action was taken in Closed Session.

1. CALL TO ORDER

Mayor John B. Allard II called the March 6, 2019 City Council/Housing Authority meeting to order at 7:00 p.m.

2. ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard

3. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Councilmember Pauline Roccucci.

4. MEETING PROCEDURES

City Clerk Sonia Orozco announced the procedures for addressing Council.

5. PUBLIC COMMENTS

Penny Beingessner - Spoke to concerns regarding cancellation of Maidu Community Center craft fair events.

Benjamin Stachnke - Spoke to concerns of flooding of his property located at 1004 Melrose Avenue.

6. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to approve items on the Consent Calendar as recommended. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II

Minutes

6.1. Minutes of Prior Meetings

Memo from City Clerk Sonia Orozco recommending the City Council adopt the minutes for the January 16, 2019, February 6, 2019, and February 20, 2019 City Council meetings.

CC #: 9831

File #: 0102-03

CONTACT: Sonia Orozco 916-774-5269 sorozco@roseville.ca.us

Bids / Purchases / Services

6.2. Vehicle Purchase

Memo from Fleet Manager Brian Craighead and Acting Public Works Director Jason Shykowski recommending the City Council approve a purchase order to Fresno Truck Center dba Sacramento Truck Center for one Freightliner construction truck utilizing RFQ 10-3200 in the amount of \$230,057.41. Funding for this vehicle is included in the FY2018-19 Auto Replacement Budget.

CC #: 9811

File #: 0203-01

CONTACT: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

Resolutions

6.3. 401 Oak Street Underground Service Tank Removal Project - Notice of Completion

Memo from Project Coordinator Charlie Fralick and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-58 ACCEPTING THE PUBLIC WORK KNOWN AS THE 401 OAK STREET UNDERGROUND SERVICE TANK REMOVAL PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE ACTING PUBLIC WORKS DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. This item requests the City Council accept the 401 Oak Underground Service Tank Removal project as complete and authorize the Acting Public Works Director to execute the Notice of Completion on behalf of the City. The total cost of construction was \$76,161.00 with no contingency and was paid for by the Building Operations Fund.

CC #: 9815

File #: 0800-01

CONTACT: Charlie Fralick 916-774-5706 cfralick@roseville.ca.us

6.4. Westbrook Phase 2 Village 2A & 3A Final Map and Subdivision Agreement

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-56 APPROVING A SUBDIVISION AGREEMENT FOR THE WESTBROOK PHASE 2 VILLAGE 2A & 3A SUBDIVISION, BY AND BETWEEN THE CITY OF ROSEVILLE AND LENNAR HOMES OF CALIFORNIA, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and approve the Westbrook - Phase 2 Village 2A & 3A final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 123 residential lots, 2 private road lots and 7 landscape lots. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9813

File #: 0400-04-12-1 & 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.5. Westbrook Phase 2 Village 2B & 3B Final Map and Subdivision Agreement

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-57 APPROVING A SUBDIVISION AGREEMENT FOR THE WESTBROOK PHASE 2 VILLAGE 2B & 3B SUBDIVISION, BY AND BETWEEN THE CITY

OF ROSEVILLE AND LENNAR HOMES OF CALIFORNIA, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and approve the Westbrook - Phase 2 Village 2B & 3B final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 110 residential lots, 1 private road lot and 6 landscape lots. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9814

File #: 0400-04-12-1

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.6. Water, Wastewater, Solid Waste Utility Rate Study – Professional Services Agreement Amendment

Memo from Rate Analyst Ryley Kelly and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-55 APPROVING A FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND RAFTELIS FINANCIAL CONSULTANTS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends City Council approval to amend a professional services agreement with Raftelis to provide consulting services for preparation of a water, wastewater, and solid waste utility rate study. The contract amendment is for an additional \$22,000.00, not to exceed \$140,890.00. Funding for this contract amendment is included in the Environmental Utilities Water Operations Fund FY2018-19 budget.

CC #: 9812

File #: 0800-02

CONTACT: Ryley Kelly 916-746-1781 rkelly@roseville.ca.us

6.7. Historic Fiddymment House Stabilization - Notice of Completion

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-59 ACCEPTING THE PUBLIC WORK KNOWN AS THE HISTORIC FIDDYMENT HOUSE STABILIZATION PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE PARKS, RECREATION & LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. The Parks, Recreation & Libraries Department has made a final inspection of the Historic Fiddymment House Stabilization project and found that all contract work has been completed in accordance with the approved plans and specifications. The project scope of work included re-roofing and re-painting of the main house, repairing dry rot, securing the chimney, re-roofing the cooler building, and construction of a wood security fence around the smokehouse building. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. Funding for the project was approved in the Capital Improvement Program in FY2016-17 using West Roseville City-wide Park Funds. Upkeep of the house once stabilization is

complete is intended to be supported by volunteers in partnership with the Roseville Historical Society.

CC #: 9816

File #: 0717-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

6.8. Fire - Hazardous Materials Classes/Supplies - Budget Adjustment

Memo from Fire Chief Rick Barte and Division Chief David Dolson recommending the City Council adopt ORDINANCE NO. 6056 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests the City Council approve a budget adjustment for revenue in the amount of \$90,000.00, which will offset the \$90,000.00 in expenses directly related to teaching the specialized hazardous materials classes, creating/maintaining related props and replenishing disposable supplies. This offset of funds results in no additional costs to the General Fund.

CC #: 9805

File #: 0324 & 0201-01

CONTACT: David Dolson 916-774-5807 ddolson@roseville.ca.us

Ordinances (for second reading and adoption)

6.9. Second Reading - City Council/Boards and Commissions Administrative Standards Municipal Code Updates

ORDINANCE NO. 6062 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTIONS 2.16.010, 2.16.020, 2.16.030, AND ADDING SECTIONS 2.16.040, 2.16.050 AND 2.16.060 OF CHAPTER 2.16; AMENDING SECTIONS 2.18.010, 2.18.020, AND 2.18.030 AND DELETING SECTION 2.18.040 OF CHAPTER 2.18; AMENDING SECTIONS 2.20.020 AND 2.20.030 AND DELETING SECTION 2.20.040 OF CHAPTER 2.20; AMENDING SECTIONS 2.22.020 AND 2.22.030, AND DELETING SECTION 2.22.040 OF CHAPTER 2.22; AMENDING SECTIONS 2.24.010, 2.24.020, AND 2.24.030 AND DELETING SECTION 2.24.021 OF CHAPTER 2.24; AMENDING SECTIONS 2.26.010, 2.26.020, 2.26.030, AND DELETING SECTION 2.26.040 OF CHAPTER 2.26; AMENDING SECTIONS 2.28.010, 2.28.020, 2.28.030, 2.28.030 AND DELETING SECTIONS 2.28.031, 2.28.040, 2.28.050, 2.28.060, 2.28.070, 2.28.080, AND 2.28.090 OF CHAPTER 2.28; AMENDING SECTIONS 2.30.010, 2.30.020, 2.30.030 AND DELETING SECTION 2.30.040 OF CHAPTER 2.30; AMENDING SECTIONS 2.32.010, 2.32.020, AND 2.32.030, AND DELETING SECTIONS 2.32.021, 2.32.040, 2.32.050, AND 2.32.060 OF CHAPTER 2.32 OF TITLE 2 OF THE ROSEVILLE MUNICIPAL CODE REGARDING BOARDS AND COMMISSIONS, for second reading and adoption.

CC #: 9829

File #: 0102-04, 0103-04-02, 0103-05-02, 0103-06-02, 0103-07-02, 0103-08-02, 0103-09-02, 0103-12-02

CONTACT: Helen Dreyer 916-774-5356 hdreyer@roseville.ca.us

Reports / Requests

6.10.Out of State Travel Request - Economic Development Department, Housing Division

Memo from Housing Manager Danielle Foster and Economic Development Director Laura Matteoli recommending the City Council approve one housing staff member to travel out of state for a Built for Zero Conference in Atlanta, Georgia, on March 27-28, 2019, that will train staff on best practices for reducing homelessness. Placer County has offered to cover the costs of airfare, lodging and conference training. This item does not impact the General Fund.

CC #: 9809

File #: 0600-02

CONTACT: Danielle Foster 916-774-5446 dfoster@roseville.ca.us

6.11.Out of State Travel Request - Electric Department

Memo from Assistant Electric Utility Director Paul Cummings and Electric Utility Director Michelle Bertolino requesting Council approve out-of-state travel for one employee to attend two adjacent American Public Power Association events: the Lineworkers Rodeo and the Engineering and Operations Conference in Colorado Springs, Colorado on March 29th through April 2nd, 2019. The total cost for both will be approximately \$3,000.00. Funding is available in the Electric Utility's FY2018-19 budget.

CC #: 9828

File #: 0600-02

CONTACT: Paul Cummings 916-774-5640 pcummings@roseville.ca.us

6.12.Out of State Travel Request - Information Technology Department

Memo from Information Technology Senior Business Systems Analyst Kevin Richey and Chief Information Officer Hong Sae recommending the City Council approve out of state travel for one Senior Business Systems Analyst to attend and present at the 2019 Prometheus Group User Conference in New Orleans, Louisiana, from April 29th to May 2nd, 2019. Airfare, hotel, and conference fee will be covered by the conference organizers. The cost to the City for airport parking, per diem, and shuttle or taxi costs are approximately \$500.00. There are sufficient funds in the Information Technology Department training budget to cover the expense.

CC #: 9807

File #: 0600-02

CONTACT: Kevin Richey 916-774-5187 krichey@roseville.ca.us

6.13. Main Street Plaza Apartments Parcel Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Main Street Plaza Apartments parcel map. Engineering staff has completed its review of the parcel map and found it to be in compliance with the approved tentative map. This map will be creating two parcels for an affordable housing apartment community. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9830

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.14. HOUSING AUTHORITY - Quarterly Status Report

Memo from Housing Analyst Suzanne Acrell and Economic Development Director Laura Matteoli with a quarterly report on the Housing Authority's Housing Choice Voucher Program. This report is for informational purposes only and has no impact on the City's General Fund.

CC #: 9806

File #: 0709-02-01

CONTACT: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

END OF CONSENT CALENDAR

7. ORDINANCES

7.1. Roseville Firefighters, Local 1592 - Memorandum of Understanding

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO. 19-67 APPROVING A MEMORANDUM OF UNDERSTANDING BETWEEN CITY OF ROSEVILLE AND ROSEVILLE FIREFIGHTERS, LOCAL 1592, AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE MEMORANDUM OF UNDERSTANDING ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6061 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5995, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "A" AND AMENDING ORDINANCE 5996, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "A", TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE. The purpose of this request is to establish a successor Memorandum of Understanding (MOU) with the Roseville Firefighters, Local 1592 for a three (3) year term. The cost to the FY2018-19 budget will be \$18,990.00. The overall ongoing projected costs of salary and benefit increases for the 102 full-time equivalent positions in the three (3) year MOU is \$1,059,782.00, not accounting for the cost in year 3 of the labor market adjustments to maintain salaries at market median that will be recommended to Council prior to approval.

CC #: 9825

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Human Resources Director Stacey Peterson made the presentation to Council.

No public comment received.

Motion by Bruce Houdesheldt, seconded by Krista Bernasconi, to adopt RESOLUTION NO. 19-67 APPROVING A MEMORANDUM OF UNDERSTANDING BETWEEN CITY OF ROSEVILLE AND ROSEVILLE FIREFIGHTERS, LOCAL 1592, AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE MEMORANDUM OF UNDERSTANDING ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6061 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5995, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "A" AND AMENDING ORDINANCE NO. 5996, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "A", TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II

7.2. Roseville Police Association - Memorandum of Understanding

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO. 19-60 APPROVING A MEMORANDUM OF UNDERSTANDING BETWEEN CITY OF ROSEVILLE AND THE ROSEVILLE POLICE ASSOCIATION AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6060 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5911, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION SCHEDULE A, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE AND AMENDING ORDINANCE NO. 5912, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION SCHEDULE B, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE. The purpose of this request is to recommend the City Council approve a Memorandum of Understanding (MOU) with the Roseville Police Association for a three (3) year term. The cost to the FY2018-19 budget will be \$52,240.00. The overall ongoing projected costs of salary and benefit increases in the three (3) year MOU is \$1,129,020.00, not accounting for the cost in year 3 of the labor market adjustments to maintain salaries at market median that will be recommended to the City Council prior to approval.

CC #: 9826

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Human Resources Director Stacey Peterson made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adopt RESOLUTION NO. 19-60 APPROVING A MEMORANDUM OF UNDERSTANDING BETWEEN CITY OF ROSEVILLE AND THE ROSEVILLE POLICE ASSOCIATION AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6060 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5911, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION SCHEDULE A, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE AND AMENDING ORDINANCE NO. 5912, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION SCHEDULE B, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019 AS AN URGENCY MEASURE. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II

7.3. Management and Confidential Employees - Terms, Conditions and Understandings and Budget Adjustment

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO. 19-54 APPROVING THE TERMS, CONDITIONS, AND UNDERSTANDINGS BETWEEN CITY OF ROSEVILLE AND MANAGEMENT AND CONFIDENTIAL EMPLOYEES AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6057 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6051, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6058 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 5918, THE SALARY ORDINANCE FOR CONFIDENTIAL EMPLOYEES, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6059 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. The purpose of this request is to establish a successor Terms, Conditions and Understanding for Management and Confidential employees for a 3 year term. The

cost to the FY2018-19 budget will be \$170,820.00. The overall ongoing projected costs of salary and benefit increases in the 3 year MOU is \$5,087,690.00, not accounting for the cost in year 3 of the labor market adjustments to maintain salaries at market median that will be recommended to the City Council prior to approval.

CC #: 9810

File #: 0600-01 & 0201-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Human Resources Director Stacey Peterson made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Scott Alvord, to adopt RESOLUTION NO. 19-54 APPROVING THE TERMS, CONDITIONS, AND UNDERSTANDINGS BETWEEN CITY OF ROSEVILLE AND MANAGEMENT AND CONFIDENTIAL EMPLOYEES AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6057 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6051, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 5918, THE SALARY ORDINANCE FOR CONFIDENTIAL EMPLOYEES, AS AMENDED BY APPENDIX "A" TO BE EFFECTIVE MARCH 16, 2019, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6059 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II

8. PUBLIC HEARING

8.1. Appeal of Main Street Plaza Apartments Tentative Map

Appeal was rescinded.

CC #: 9821

File #: 0400-08 & 0709-03-02

CONTACT: Greg Bitter 916-774-5294 gbitter@roseville.ca.us

City Clerk Sonia Orozco announced that Item 8.1 Appeal of Main Street Plaza Apartments Tentative Map was rescinded.

8.2. Play Care Commercial Project – Mitigated Negative Declaration, Water Allocation, General Plan Amendment, Specific Plan Amendment, and Rezone Ordinance

Memo from Assistant Planner Kinarik Shallow and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-63 ADOPTING A MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM AND APPROVING THE PLAY CARE COMMERCIAL PROJECT; and adopt RESOLUTION NO. 19-64 ALLOCATING ADDITIONAL WATER TO CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-65 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt RESOLUTION NO. 19-66 AMENDING THE NORTH ROSEVILLE SPECIFIC PLAN; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The applicant requests approval of a General Plan Amendment, and Rezone to allow for a reconfiguration of parcels and changes in land use and zoning to allow for the construction of two (2) commercial buildings in the North Roseville Specific Plan (NRSP). The changes in land use and zoning also require a Specific Plan Amendment to amend the text and land use maps of the NRSP. The request requires the approval of a minor increase in water allocation for the project site. The resulting zoning and land use would increase the acreage dedicated to Community Commercial while reducing the acreage dedicated to Public/Quasi-Public land uses. This action has no direct impacts to the City's General Fund.

CC #: 9824

File #: 0400-08

CONTACT: Kinarik Shallow 916-746-1309 kshallow@roseville.ca.us

Councilmember Bruce Houdesheldt recused himself due to previous participation as Planning Commissioner.

Mayor John Allard opened the public hearing.

Planning Manager Greg Bitter made the presentation to Council.

Assistant Planner Kinarik Shallow continued the presentation to Council.

Applicant Brian Lee spoke in support of project approval.

No additional public comment received.

Mayor John Allard closed the public hearing.

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adopt RESOLUTION NO. 19-63 ADOPTING A MITIGATED

NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM AND APPROVING THE PLAY CARE COMMERCIAL PROJECT; and adopt RESOLUTION NO. 19-64 ALLOCATING ADDITIONAL WATER TO CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-65 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt RESOLUTION NO. 19-66 AMENDING THE NORTH ROSEVILLE SPECIFIC PLAN and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Allard II
Absent: Houdesheldt

8.3. The Villages at Kit Carson Project (Infill Parcel 239 and Infill Parcel 55) – Mitigated Negative Declaration, General Plan Amendment, Rezone Ordinance

Memo from Associate Planner Charity Gold and Development Services Director Mike Isom recommending Council adopt RESOLUTION NO. 19-61 ADOPTING A MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM AND APPROVING THE VILLAGES AT KIT CARSON PROJECT; and adopt RESOLUTION NO. 19-62 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt the two (2) findings of fact; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The applicant requests approval of a General Plan Amendment and Rezone to allow for a reconfiguration of parcels and changes in land use and zoning to allow for the construction of 20 single family dwelling units in the Infill area. The resulting zoning and land use would increase the acreage dedicated to Medium Density Residential and Open Space/Floodplain, while reducing the acreage dedicated to Low Density Residential and Business Professional land uses. This action has no significant impacts to the City's General Fund.

CC #: 9827

File #: 0400-04-17-1 & 0400-04-17-2 & 0400-06-03

CONTACT: Charity Gold 916-774-5247 cgold@roseville.ca.us

Councilmember Bruce Houdesheldt recused himself due to previous participation as Planning Commissioner.

Mayor John Allard opened the public hearing.

Planning Manager Greg Bitter made the presentation to Council.

Senior Planner Derek Ogden continued the presentation to Council.

Applicant Chris Coulter, Principal of 3eDevelopments - spoke in support.

No additional public comment received.

Mayor John Allard closed the public hearing.

Motion by Scott Alvord, seconded by Pauline Roccucci, to adopt RESOLUTION NO. 19-61 ADOPTING A MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING AND REPORTING PROGRAM AND APPROVING THE VILLAGES AT KIT CARSON PROJECT; and adopt RESOLUTION NO. 19-62 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt the two findings of fact; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Allard II

Absent: Houdesheldt

8.4. HOUSING AUTHORITY - FY2019-20 Annual Plan

Memo from Housing Analyst Suzanne Acrell and Economic Development Director Laura Matteoli recommending the City Council, acting as the Board of Directors for the Housing Authority, adopt RESOLUTION NO. 19-2 HOUSING AUTHORITY OF THE CITY OF ROSEVILLE APPROVING THE FY2019-20 ANNUAL PLAN. This item does not create any additional cost to the City's General Fund.

CC #: 9823

File #: 0709-01 & 0103-03-02

CONTACT: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

Mayor John Allard opened the public hearing.

Housing Manager Danielle Foster made the presentation to Council.

No public comment received.

Mayor John Allard closed the public hearing.

Motion by Pauline Roccucci, seconded by Krista Bernasconi,

to adopt RESOLUTION NO. 19-2 HOUSING AUTHORITY OF THE CITY OF ROSEVILLE APPROVING THE FY2019-20 ANNUAL PLAN. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II

9. COUNCIL / STAFF / REPORTS/ COMMENTS

Adjournment of Meeting in Memory of Ryan Haney - Mayor John Allard requested.

Consideration of Starting City Council Meetings at 6:00 p.m.- Vice Mayor Krista Bernasconi requested staff report back on proposal to change meeting start dates. Council consensus for staff to report back.

Tour of Compassion Village in Sacramento - Councilmember Scott Alvord spoke on event and spoke to the e49 Foundation sponsored tiny home community for people experiencing homelessness.

Celebrity Chili Cook-Off - Councilmember Scott Alvord announced event with profits to be given to Point Break which offers anti-bullying programs.

Fire Department Fire Training Program - Councilmember Pauline Roccucci spoke on success of training programs.

Council Coffee - Councilmember Pauline Roccucci spoke on attendees and enjoyment of event.

St. Baldrick's Event - Councilmember Houdesheldt spoke on event to raise money to cure childhood cancer and acknowledged Ryan Hones involvement in event.

Staff Support of Approved Memorandums of Understanding - Mayor John Allard thanked staff for cooperation.

10. ADJOURNMENT

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adjourn the meeting at 8:16 p.m. The Motion Passed.

Roll call vote: Ayes: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard II



MINUTES

March 13, 2019

CITY COUNCIL SPECIAL MEETING BUDGET WORKSHOP

4:00 p.m.

**Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us**

1. CALL TO ORDER

Mayor John B. Allard II called the March 13, 2019 City Council Special Meeting Budget Workshop to order at 4:00 p.m.

2. ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard

3. PLEDGE OF ALLEGIANCE

Vice Mayor Krista Bernasconi led the Pledge of Allegiance.

4. MEETING PROCEDURES

City Clerk Sonia Orozco announced the procedures for addressing Council.

5. PRESENTATIONS

5.1. FY2019-2020 Budget Workshop

Staff recommends the City Council take the following action:

1. Receive a report from staff that provides an update and overview on CALPERS and other unfunded liabilities.
2. Receive a report from staff that provides an update on the budget process and shares recommendations.
3. Provide feedback and direction to staff on potential budget priorities and funding strategies for the FY2019-20 budget.

Development of the FY2019-20 budget will include any increased revenues resulting from additional fees and increased tax revenues of 16 million dollars resulting from the passage of Measure B. At the workshop, staff will present detailed budgetary information along with proposed service level increases for City Council consideration. Staff will also request policy direction from the City Council to utilize one-time monies for one-time costs, funding strategies for unfunded obligations, and the implementation of the stabilization reserve fund, in an effort to lessen the depth of potential future reductions.

CONTACT: Dominick Casey 916-774-5362 dcasey@roseville.ca.us

City Manager Dominick Casey outlined the budget schedule as follows:

September 2018 - City Council Measure B goals workshop

January 16, 2019 - Year-end budget report and CAFR presentation

February 20, 2019 - Budget schedule, 1st quarter report

March 13, 2019 - 2nd quarter report; Utilities budget update

March 25-28, 2019 - City Manager budget review meetings

April 17, 2019 - Proposed CIP budget

May 1, 2019 - Financial policies; Overview of internal service funds

May 20, 2019 - Proposed budget released to Council

June 3-4, 2019 - Budget hearings

June 19, 2019 - Budget adoption

Purpose of the Workshop:

- Discuss context for budget recommendations
- Provide budget overview for FY 2018-19
- Discuss Measure B priority for FY 2018-19
 - \$4 million of unbudgeted Measure B revenue
- Discuss goals and priorities for FY 2019-20 budget development

Chief Financial Officer Dennis Kauffman made presentation to Council on Unfunded Liabilities:

Pensions:

- City is legally obligated to pay pension benefits
- Law prohibits retroactive reductions
- Series of court rulings known as "California Rule" means the pension offered at hire becomes a vested right, protected by constitutional contract law
- Can only be cut if offset by a comparable new benefit, erasing any savings
- City is following pending court case

California Public Employees Retirement System:

- Nation's largest public pension fund
- Covers employees from:
 - State of California - 614,203 members
 - School Districts - 1,313 with 737,515 members
 - Public Agencies - 1,579 with 607,170 members
 - CalPERS serves 1.9+ million members
- Currently paying 700,000 retirees monthly
- Pensions are a shared responsibility between employer, employees and CalPERS

- Shared responsibility - every dollar paid to CalPERS retirees comes from three sources:
 - Investment earnings - 59¢
 - CalPERS employers - 28¢
 - CalPERS members - 13¢
- CalPERS Investments:
 - Today = \$350 billion in assets
 - 8.6% - 2017-18 Portfolio Return
 - 8.1% - 5-year Annualized Return
 - 5.6% - 10-year Annualized Return
 - 6.1% - 20-year Annualized Return
 - 8.4% - Annualized Return since 1988
- Benefit Formulas:
 1. Formula chosen by the city for its employees
 2. Number of years an employee has worked
 3. Highest salary earned by the employee
- Roseville formula for "Classic Employees"
 - Public Safety Employees = 3.0% @ 50
 - Miscellaneous Employees = 2.7% @ 55
- Rate History from FY 01-02 to FY 19-20

FY 2018-19 FY2019-20

Safety \$	\$12.7M	\$13.7M
Safety Payroll %	43.3%	48.3%
Miscellaneous \$	\$22.4M	\$25.3M
Miscellaneous %	26.7%	29.2%
Total	\$35.1M	\$39.0M
General Fund	\$21.1M	\$23.7M

Roseville Unfunded Liability - Miscellaneous:

June 2016 June 2017

Market Value of Assets	\$360M	\$402M
Unfunded Liability	\$221M	\$226M
Funded Ratio	62.0%	64.1%

Roseville Unfunded Liability - Safety

June 2016 June 2017

Market Value of Assets	\$189M	\$211M
Unfunded Liability	\$102M	\$106M
Funded Ratio	64.8%	66.5%

Roseville Unfunded Liability - Total:

June 2016 June 2017

Market Value of Assets	\$549M	\$613M
Unfunded Liability	\$323M	\$332M
Funded Ratio	62.9%	64.9%

Rate Forecast: (Assumes 3% Payroll growth)

YEAR	MISC	PUBLIC SAFETY	TOTAL
FY18-19	27% \$22.4M	43% \$12.7M	\$35.1M
FY19-20	29% \$25.3M	48% \$13.7M	\$39.0M
FY20-21	32% \$27.8M	51% \$15.0M	\$42.8M
FY21-22	33% \$30.1M	54% \$16.1M	\$46.2M
FY22-23	35% \$32.0M	56% \$17.1M	\$49.1M
FY23-24	35% \$33.5M	57% \$17.8M	\$51.3M
FY24-25	36% \$34.9M	58% \$18.5M	\$53.4M

Actions Taken by CalPERS:

1. New formulas were implemented for all new employees hired on or after January 1, 2013 (PEPRA)
 - Public Safety Employees = 2.7 @ 57
 - Miscellaneous Employees = 2.0 @ 62
2. Introduced a smoothing plan to gradually increase employer contributions to fully fund the unfunded liability in 30 years
 - Reduces impact of sudden rate increase
3. Changed the amortization schedule that will pay off new losses from 30 years to 20 years

California Public Employees' Pension Reform Act of 2013: (PEPRA)

Benefit Group Name	Total Normal Cost FY2019-20	Number of Active Employees
Miscellaneous Classic	20.018%	671
Miscellaneous PEPRA	13.267%	344
Safety Fire Classic	33.179%	93
Safety Fire PEPRA	29.957%	7
Safety Police Classic	34.881%	98
Safety Police PEPRA	26.798%	22
Total		1235

On the Horizon from CalPERS:

- CalPERS is looking at options to address the statewide underfunding situation
 - Change the investment portfolio philosophy in an effort to reduce risk
 - Varies from a rate of return between 6.5% and 7.25%
- Roseville participated in CalPERS board meeting to explain the impact of

these potential actions

- Roseville attending stakeholder meeting this month

What can Roseville do?

- Issue pension obligation bonds
 - GFOA
- Establish separate pension trust
- Pay UAL payment in July instead of monthly
- Make additional contributions to CalPERS
 - No specific application
 - Fresh start
 - Pay off layers of unfunded liability
- Like most cities, retirement costs are one of our largest expenses
- Pension payments are a legal obligation and benefits cannot be reduced under current law
- Pension payments are a legal obligation and benefits cannot be reduced under current law
- Roseville and its employees have been proactive in contributing to the solution
 - Reductions offered by CalPERS have been implemented
 - Employees contribute full share of their cost per CalPERS rules
 - Implementation of new PEPPRA classification is improving cost structure as Classic employees retire
 - Roseville is taking an active role in legislation to address changes in the cost structure
 - Additional contributions will reduce unfunded liability and budgeted contributions

What is OPEB?

- "Other Post Employment Benefits"
 - In the case of Roseville it is the contribution of funds to pay for health insurance after retirement
 - Roseville has been very proactive in addressing this long-term obligation
 - The benefit was eliminated in early 2014 for new employees
 - A trust fund was created at that time to pay for the obligation in future years
- OPEB
 - June 30, 2018 Actuarial Valuation
 - \$84M of assets - an increase of \$18M since last actuarial valuation
 - Positive trend: Funded ratio has risen from 0% to 37% over the past decade
 - Unfunded liability decreased \$8M to \$144M due to
 - Contributions to the trust
 - Insurance premium increases were less than expected
 - Other factors including mortality projections, inflation assumption
 - Tier III - reduced liability for new employees
- OPEB: Status of General Fund portion

- PAYGO cost (retiree premium payments)
 - \$4.9M projected for FY19, increase of \$250K from prior year
- Council Approved Funding Policy for Unfunded Liability
 - Requires increasing General fund contributions to the Unfunded Liability in addition to PAYGO
 - 6% of payroll in FY19 (~\$3.6M) built into FY20 proposed budget
- City has reached the Actuarially Determined Contribution level

Unfunded Liabilities (Over 30 Years)

\$332M Net CalPERS pension liability
 \$144M Net OPEB liability
 \$ 26M Accrued Vacation, sick leave, CTO
 \$502M Total Other long-term liabilities

Discussion and Public Comment: No public comment was received.

City Manager Dominick Casey continued the presentation and provided a Budget Overview for FY2018-19.

Components of presentation included:

- Overall City Budget = \$500M
 - \$139M - General Fund
 - \$361M - Electric, Water, Wastewater & Solid Waste
- Just a small portion is discretionary - \$95M Unrestricted/\$44M Restricted = \$139M General Fund

FY2018-19 General Fund Expenditures:

General Fund Expenditure by Service Area % of Total

Police	29.5%
Fire	23.2%
Parks, Recreation & Libraries	16.6%
Other	11.4%
Development Services	6.9%
General Government	6.1%
Public Works	5.7%
Economic Development & Housing	0.6%
TOTAL	100%

Funding Priorities for Building the Budget:

- Budget Goals FY2019-20
 - Maintain fiscal responsibility
 - Implement council priorities
 - Live within our means
 - Provide core services
 - Fund priorities for Measure B revenue

Measure B allows us to:

- Maintain specialized Police and Fire services
- Keep a fire engine in service at risk of being cut
- Maintain Parks, Recreation & Libraries programs and facility hours without additional closures
- Begin construction of citywide parks
- Maintain street maintenance
- Keep adult literacy programs in place
- Maintain current park maintenance levels
- Continue special event support
- Continue sponsorships, memberships and accreditations

Measure B Priorities:

- Ongoing
 - Establish police beat 7 on west side with 4 police officers
 - \$788,000 in FY2019-20, including vehicles/equipment
 - \$613,000 ongoing
 - \$500,000 to \$1.5M - Phase in maintenance costs for new citywide parks
 - \$150,000 - Restore 1 police officer to traffic unit
 - \$200,000 - Phase in more library hours and materials
 - \$100,000 - Maintain industry training and development programs
 - \$500,000 - Stop erosion of park maintenance levels
 - \$100,000 - Bring back goats paid by General Fund to open space
 - Partially restore road funding
 - Expand job creation initiatives
 - Business recruitment and communications
 - Fully fund costs of repair/replacement for buildings and equipment
 - Restore fire training and investigations

Measure B Priorities:

- One-time
 - Build an economic stabilization reserve fund
 - Starting with \$4M of unbudgeted Measure B revenue in FY2018-19
 - Pay down CalPERS pension obligations
 - Pay down retiree health liability (OPEB)
 - Allows city to stabilize continuity of services in the future

Summary:

- Maintain fiscal responsibility
 - Implement council priorities
 - Live within our means
 - Provide core services
- Concerns
 - Limited room for growth without new sources of revenue
 - Limited capital available for new projects
- Budget Priorities
 - Maintain current service levels with Measure B
 - Focus on high priority new services
 - Build stabilization reserve fund

Discussion and Public Comment: No public comment was received.

General Fund Revenue Highlights:

- Sales Tax Year to Year comparison and sales tax projection was presented.
- Property Tax Year to Year comparison was presented.
- Other General Tax Revenues
 - \$3.9M in FY2018-19 in FY2018-19 budget
- Property Transfer Tax
 - \$800,000 in FY2018-19 budget
- Business license tax
 - \$900,000 in FT2018-19 budget

Revenue Opportunities:

- First responder fee
- Nursing home/non-emergency assist fee
- Digital billboards
- Pet licensing
- Sponsorships
- Business license tax compliance
- Increase youth sports and senior fees
- Sell surplus properties
- Increase Transient Occupancy Tax

Discussion and Public Comment: No public comment was received.

General Fund Five-year Forecast:

- Factors included in Five-year Forecast
 - Continued shifts in consumer habits affecting sales tax
 - Healthy property tax
 - Labor costs (first two years)
 - Unfunded liabilities
 - PERS and OPEB contributions
 - CIP Rehab
 - Known State/Federal mandates
 - Revenue from Measure B
- Other Impacts Not Included in Forecast:
 - Possible revenue from sales tax on services
 - Wayfair decision's effect on sales tax revenue
 - Redevelopment replacement
 - New federal and state regulations
 - New revenue sources
 - Labor market adjustment in year 3 and beyond

Projected FY2019-20 GF Deficit:

- \$2-3M - based on five-year forecast
- \$3-4M - labor contracts
- \$1-2M - other increases (targets, etc.)
 - \$6.9 - cuts avoided by Measure B

Presentation continued with an overview of the Five-year General Fund forecast

before Measure B with increased costs and then including Measure B revenue. The presentation provide an example of a recession forecast.

Discussion and Public Comment: No public comment was received.

General Fund Emergency Reserve:

- Current fund balance: \$14.2M
- 10% of General Fund operating expenses
- For significant short-term issues such as declared emergencies
- Provide financial security
- Helps City achieve higher bond rating
- Council Policy requires approval of at least four City Councilmembers to appropriate from the reserve

General Fund Stabilization Reserve:

- Current fund balance: \$0
- Target of 15% of General Fund operating expenses (approximately \$21M)
- For addressing significant revenue shortfalls that occur during an economic downturn
- Goal is t have 3 months (25% of annual operating expenses) in reserves (GFOA) best practice
- Provides financial stability
- Helps City achieve higher bond rating
- Council Policy requires approval of at least four City Councilmembers to appropriate from the reserve

Litigation Reserve Fund:

- Current fund balance: \$257K
- Used to fund unanticipated outside attorney fees
- Minimum level is \$250K; funded at 100%

Strategic Improvement Fund (SIF):

- Purpose of the SIF
 - Generates sales tax and property tax revenues
 - Provides a community benefit
- Revenue source
 - Community Benefit Fee
 - Impact fee built into development agreements
- Allowable Expenditures
 - Support Council-approved strategies related to land acquisition
 - Strategic capital improvement projects
 - Supports projects that would eventually generate revenue for the General Fund - Goal is to achieve a return on our investment

Public Facilities Fund:

- Sources of Revenue
 - Impact fees collected at the time a building permit is pulled based on a nexus study
- Allowable Expenditures
 - New development obligations to construct public facilities serving residents and employees in the city

Fire Facilities Fund:

- Source of Revenue
 - Fee applies to new growth areas and replaces the Fire Service Facilities Tax that expired in 2009
- Allowable Expenditures
 - Funding for capital fire facilities and related equipment

Downtown Benefit Fee:

- No budgeted revenue in FY19
- Negotiated fee \$5,000 per unit for 1,661 units (SPA 3)
- Will provide \$8.0M funding for downtown related projects
- \$4.07M lien on future fee collections to repay:
 - Auto Replacement Fund: \$0.06M
 - SIF: \$3.47M

Funds at a Glance:

Estimated Ending Fund Balance

Funding Source	FY2019	FY2020	FY2021	FY2022	FY2023
Strategic Improvement Fund	\$8.3M	\$9.3M	\$10.3M	\$11.3M	\$12.3M
Public Facilities Fund	\$6.8M	\$8.6M	\$10.4M	\$12.2M	\$14.0M
Fire Facilities Fund	\$2.5M	\$3.8M	\$5.1M	\$6.4M	\$7.7M
Downtown Benefit Fee	\$0	\$0	-----	-----	-----

Summary:

- Unfunded liabilities
 - Pensions
 - OPEB
- Budget Priorities
- General Fund
 - Revenue Highlights
 - Five-year Forecast
 - Reserves
 - Other capital funds

Motion by Pauline Roccucci, seconded by Scott Alvord, to authorize staff to proceed with evaluation of revenue opportunities; and fund the Stabilization Reserve with the first three months of Measure B revenue; and maintain current service levels and fund the priority services identified for Measure B; and return at year-end with a recommendation to allocate any positive General Fund budgetary results to the Stabilization Reserve and paying down the CalPERS liabilityMotion. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

6. PUBLIC COMMENTS

No public comment received.

7. COUNCIL / STAFF / REPORTS/ COMMENTS

Chili Cook-Off - Councilmember Bruce Houdesheldt spoke on competition and spoke to worthy cause.

8. ADJOURNMENT

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adjourn the meeting at 7:05 p.m. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci



MINUTES

March 20, 2019

CITY COUNCIL SPECIAL MEETING CLOSED SESSION

3:00 p.m.

CITY COUNCIL MEETING

7:00 p.m.

Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us

CLOSED SESSION

3:00 p.m.

Public Employee Performance Evaluation

Pursuant to Government Code Section 54957(b)(1) and 54957.6(a):

Performance evaluation/goal setting of the City Manager and the City Attorney

Conference with labor negotiator: Mary Egan

Regarding compensation/fringe benefits of unrepresented employees

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Closed Session Disclosure: City Attorney Robert Schmitt stated the Closed Session was held to evaluate the City Manager and City Attorney and no reportable action occurred during Closed Session.

1. CALL TO ORDER

Mayor John B. Allard II called the March 20, 2019 City Council meeting to order at 7:00 p.m.

2. ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard

3. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Acting Public Works Director Jason Shykowski.

4. MEETING PROCEDURES

City Clerk Sonia Orozco announced the procedures for addressing Council.

5. PUBLIC COMMENTS

No public comment received.

6. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Motion by Krista Bernasconi, seconded by Bruce Houdesheldt, to approve the Consent Calendar as recommended. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

Bids / Purchases / Services

6.1. 2019 Curb Ramps, Sidewalks, Curbs, and Gutters Project – Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Assistant Engineer Daniel Lierly and Acting Public Works Director Jason Shykowski recommending the City Council approve plans and specifications for the 2019 Curb Ramps, Sidewalks, Curbs, and Gutters project and authorize staff to call for bids. The scope of this project consists of minor concrete construction repairing City-owned sidewalks, driveway aprons, curb and gutter, and curb ramps. The engineer's estimate for construction is approximately \$2,750,000. The project is primarily funded by State Gas Tax Funds, as well as some North Central Lighting and Landscaping District funds. No General Fund resources will be used.

CC #: 9832

File #: 0900-04-01

CONTACT: Daniel Lierly 916-746-1300 delierly@roseville.ca.us

6.2. Audiovisual Services (RFP 12-009) - Service Agreement Renewal

Memo from Information Technology Program Manager Scott Adrian and Chief Information Officer Hong Sae recommending the City Council adopt RESOLUTION NO. 19-89 APPROVING A SERVICE AGREEMENT RENEWAL BETWEEN CITY OF ROSEVILLE AND BETTER PRESENTATION SYSTEMS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909066). The City has an ongoing need for audiovisual design and installation services. This item requests the renewal of a service agreement with Better

Presentation Systems, Inc. for citywide audiovisual services. Projects range in size from small conference room upgrades to large facility system installations. The original contract term was three years plus two optional one (1) year renewals. This is the first of the two optional renewals. The recommended service agreement amendment does not require the appropriation of additional funding. Information Technology Department staff coordinate the services provided under this agreement on an as-needed basis and directly charge the requesting department for the services upon identification of adequate funds in their respective budgets.

CC #: 9863

File #: 0203-06

CONTACT: Scott Adrian 916-774-5164 sadrian@roseville.ca.us

6.3. Performance Management Software - Sole Source Service Agreement

Memo from Assistant Human Resources Director Hedy Dehghan and Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO. 19-93 APPROVING A SOLE SOURCE SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND CORNERSTONE ONDEMAND, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909347). Staff recommends approval of a sole source service agreement for a one year agreement with Cornerstone OnDemand for Performance Management software used to conduct performance evaluations for City staff. The annual fee of \$33,650.00 is included in the FY2018-19 budget.

CC #: 9871

File #: 0600

CONTACT: Hedy Dehghan 916-774-5205 hdehghan@roseville.ca.us

6.4. Residential New Construction Energy Efficiency Program Development - Service Agreement

Memo from Senior Energy Services Account Representative Mark Riffey and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 19-80 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND TRC SOLUTIONS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909056). This item is a service agreement with TRC Solutions, Inc. (TRC) to implement and administer Roseville Electric Utility's residential new construction energy efficiency program. The total contract value of the agreement with TRC is not to exceed \$900,000.00. The term of the agreement begins in FY2018-19 and extends through FY2020-21. Funds for the first year of the agreement in the amount of \$200,000.00 are available in the FY2018-19 Electric Operations budget, as part of the public benefit programs. Future funding is pending City Council approval of the FY2019-20 and FY2020-21 budgets.

CC #: 9854

File #: 0800-03

CONTACT: Mark A. Riffey 916-746-1667 mriffey@roseville.ca.us

6.5. Landscape Bark and Playground Engineered Wood Fiber Material and Services - Service Agreement Amendment

Memo from Parks Supervisor Patrick Daly and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-70 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND APPLIED LANDSCAPE MATERIALS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909067). This amendment will increase the amount of the agreement from \$100,000.00 to \$150,000.00. This agreement provides landscape bark and playground fiber within City parks and landscape districts. The annual cost of the agreement shall not exceed \$150,000.00. Funding is included in the FY2018-19 Parks, Recreation & Libraries Department budget. The funding sources are a combination of General Fund, Community Facility Districts, and Lighting and Landscape Districts. There is no net impact to the General Fund.

CC #: 9838

File #: 0203-10

CONTACT: Patrick Daly 916-774-5764 pdaly@roseville.ca.us

6.6. Time and Attendance Software - Service Agreement Amendment

Memo from Finance Manager Kristi Corral and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-77 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND GROUPEX LIMITED, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1904314). This item requests approval of an amendment to a service agreement for reconfiguration of the Workforce Time and Attendance software. The total cost of the amendment is \$50,490.00 for consultant services and \$8,000.00 for travel cost, bringing the total cost of the contract to \$78,990.00. Funding is available in the Enterprise Resource Planning project budget.

CC #: 9848

File #: 0203-06

CONTACT: Kristi Corral 916-774-5316 kcorral@roseville.ca.us

Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

6.7. Vehicle Purchases - Budget Adjustment

Memo from Fleet Manager Brian Craighead and Acting Public Works Director Jason Shykowski recommending the City Council adopt ORDINANCE NO. 6063 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests the City Council approve a purchase order to Winner Chevrolet, Inc. for one Chevrolet Tahoe Police Pursuit Vehicle utilizing RFQ 10-3202 in the amount of \$44,264.25; and adopt an ordinance to approve a budget adjustment of \$67,575.00 from the Auto

Replacement budget to pay for the purchase price and upfitting for this vehicle; and approve a sole source purchase order to Dilo Company, Inc. for one SF6 gas recovery system in the amount of \$134,373.70; and approve a purchase order to 72 Hour LLC dba National Auto Fleet Group for one Ford Interceptor Utility Hybrid utilizing Sourcewell contract #120716-NAF in the amount of \$50,184.61; and approve a budget adjustment of \$65,000.00 from the Auto Replacement budget to pay for the purchase price and upfitting for this vehicle. Funding for the SF6 gas recovery system is included in the FY2018-19 Auto Replacement budget.

CC #: 9849

File #: 0203-01 & 0201-01

CONTACT: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

6.8. Computers and Technology Equipment - Purchase Order Increase

Memo from Information Technology Divisional Manager Michael Sinor and Chief Information Officer Hong Sae recommending the City Council approve a purchase order increase for computers and technology equipment for the Police and Fire Department servers. Total estimated cost for the purchase order increase in FY2018-19 is \$150,000.00, which will be funded by the Information Technology budget and other departmental budgets.

CC #: 9852

File #: 0203-06

CONTACT: Michael Sinor 916-774-5183 msinor@roseville.ca.us

Resolutions

6.9. Mediation Disclosure Notification and Acknowledgment

Memo from Assistant City Attorney Michelle Sheidenberger recommending the City Council adopt RESOLUTION NO. 19-87 AUTHORIZING THE MAYOR TO SIGN A MEDIATION DISCLOSURE NOTIFICATION AND ACKNOWLEDGEMENT FORM. This item requests authorization for the Mayor to execute a Mediation Disclosure Notification and Acknowledgement form required by SB 954 which went into effect January 1, 2019. There is no fiscal impact related to this action.

CC #: 9860

File #: 0500

CONTACT: M. Sheidenberger 916-774-5325 msheidenberger@roseville.ca.us

6.10. Placer Valley Tourism - Annual Budget and Strategic Work Plan

Memo from Recreation Manager Kathy Barsotti and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-91 APPROVING THE 2019 PLACER VALLEY TOURISM STRATEGIC MARKETING PLAN AND BUDGET. Staff recommends the City Council approve the 2019 Budget and 2019 Strategic Marketing Plan for Placer Valley Tourism (PVT). On November 5, 2014, the City entered into a Marketing

Management Agreement with PVT which authorizes PVT to administer and implement all of the activities and improvements of the District. Expenditure of assessments received from the District are directed by the PVT Board, which is comprised of hotel, Chamber and City representatives from Roseville, Rocklin and Lincoln. The PVT strategic marketing plan and budget are required to undergo an annual review and approval by the City Council.

CC #: 9866

File #: 0110-01

CONTACT: Kathy M. Barsotti 916-774-5955 kbarsotti@roseville.ca.us

6.11. Street Closure Request - Woof, Wine & Dine Event - May 17, 2019

Memo from Recreation Superintendent Jeff Nereson and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-75 APPROVING AN AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND THE PLACER COUNTY SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests City Council approval for the closure of South Grant Street, between Vernon and Oak Streets between 4:00 p.m.– 6:00 p.m. and 9:30 p.m.–11:00 p.m. on Friday, May 17, 2019 for the Placer SPCA Woof, Wine & Dine event. All costs associated with this event for City services will be reimbursed by Placer SPCA.

CC #: 9846

File #: 0109-02

CONTACT: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

6.12. Street Closure Request - Wizard Fun Run 5K - May 5, 2019

Memo from Recreation Superintendent Kristi LaRoche and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-76 OF THE COUNCIL OF THE CITY OF ROSEVILLE APPROVING THE CLOSING OF CERTAIN STREETS FOR WIZARD FUN RUN 5K. Staff recommends City Council approval of the street closures as outlined in the authorizing resolution between 5:00 a.m. – 11:00 a.m. for the Inaugural Wizard Fun Run 5K on Sunday, May 5, 2019. Funding for the expenses of this event, budgeted at \$22,525.00, is included in the approved Parks, Recreation & Libraries FY2018-19 budget.

CC #: 9847

File #: 0109-02

CONTACT: Kristi LaRoche 916-774-5962 klaroche@roseville.ca.us

6.13. Street Closure Request - John Adams Academy Revolution Fun Run - March 23, 2019

Memo from Recreation Superintendent Jeff Nereson and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-71 APPROVING AN AGREEMENT BETWEEN THE

CITY OF ROSEVILLE AND JOHN ADAMS ACADEMIES, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests the City Council approve the closure of the following streets from 7:30 a.m. – 12:00 p.m. on Saturday, March 23, 2019 for the John Adams Academy Revolution Fun Run. All costs associated with this event for City services will be reimbursed by John Adams Academy.

CC #: 9840

File #: 0109-02

CONTACT: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

6.14.F-97 Pocket Park - Master Plan and Park Development Agreement Approval

Memo from Park Planning & Development Superintendent Tara Gee and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-69 APPROVING A PARK DEVELOPMENT AGREEMENT FOR F97 POCKET PARK SITE AND PARK IMPROVEMENTS, BY AND BETWEEN THE CITY OF ROSEVILLE AND ATC REALTY ONE, LLC, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. F-97 is the pocket park located within Fiddymont Ranch Phase 2 Villages 11A.1 and 12, just north of North Hayden Parkway and Hollis Way. The entitlements for these villages have been approved and construction is underway. The construction of the pocket parks within the West Roseville Specific Plan area is the sole responsibility of the developer. Maintenance of the pocket parks are included in the West Roseville Community Facilities District for Services. There is no General Fund impact with this request.

CC #: 9835

File #: 0704-01

CONTACT: Tara Gee 916-774-5253 tgee@roseville.ca.us

6.15.Roseville Road Improvement Project - Professional Services Agreement Amendment

Memo from Senior Engineer Stefanie Kemen and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION 19-83 APPROVING A FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND INTERWEST CONSULTING GROUP, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This is an amendment to the professional services agreement with Interwest Consulting Group, Inc. for title and escrow tasks that need to be completed to close two outstanding escrows for the Roseville Road Improvement project. The cost of the additional services is \$32,500.00, bringing the total contract amount to \$168,300.00. The project is fully funded with Federal Highway Safety Improvement Program grant funds and Traffic Mitigation funds, and sufficient funding is available in the previously approved project budget for this amendment. No budget adjustment is needed, and no General Fund resources are allocated for this project.

CC #: 9856

File #: 0900-04-02

CONTACT: Stefanie A. Kemen 916-746-1300 skemen@roseville.ca.us

6.16. International Swaps and Derivatives Association Master Agreement with Gas & Power Annexes

Memo from Electric Risk and Compliance Supervisor Petra Wallace and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 19-86 APPROVING AN INTERNATIONAL SWAP DEALERS ASSOCIATION MASTER AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND NEXTERA ENERGY MARKETING, LLC AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This is an International Swaps and Derivatives Association Master Agreement ("ISDA") with Gas and Power Annexes with NextEra Energy Marketing, LLC that will allow the City to purchase physical and financial electricity and natural gas. The ISDA agreement is an industry standard contract that allows the City to manage risk by purchasing and selling natural gas and electricity. There is no fiscal impact associated with the execution of the ISDA with Gas and Power Annexes as it is only an enabling agreement.

CC #: 9859

File #: 0800-03

CONTACT: Petra Wallace 916-774-5510 pwallace@roseville.ca.us

6.17. Resolution of Intention to Form Sierra Vista Specific Plan Westpark-Federico Community Facilities District No. 1 (Public Facilities) and Resolution of Intention to Incur Bonded Indebtedness

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-81 OF INTENTION OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE TO FORM A COMMUNITY FACILITIES DISTRICT AND FUTURE ANNEXATION AREA, AND LEVY A SPECIAL TAX IN THE CITY OF ROSEVILLE SVSP WESTPARK-FEDERICO COMMUNITY FACILITIES DISTRICT NO. 1 (PUBLIC FACILITIES) TO FINANCE PUBLIC SERVICES AND THE ACQUISITION AND CONSTRUCTION OF CERTAIN PUBLIC FACILITIES IN AND FOR SUCH COMMUNITY FACILITIES DISTRICT; and adopt RESOLUTION NO. 19-82 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE OF INTENTION TO INCUR BONDED INDEBTEDNESS TO FINANCE THE ACQUISITION AND CONSTRUCTION OF CERTAIN PUBLIC FACILITIES IN AND FOR THE CITY OF ROSEVILLE SVSP WESTPARK-FEDERICO COMMUNITY FACILITIES DISTRICT NO. 1 (PUBLIC FACILITIES). The Westpark-Federico property is a portion of the Federico property within the Sierra Vista Specific Plan (SVSP). The overall Federico property is approximately 506 acres and is approved for 2,154 residential units (1,632 low and medium-density, and 522 high-density residential units). The Westpark-Federico portion is approximately 251 acres and is planned for 935 residential units (763 low and medium-density, and 172 high-density residential units). The property is anticipated to be developed over a number of phases. The

first phase, which is also the initial Community Facilities District (CFD) boundary, includes approximately 215 low-density residential units and 110 medium-density residential units over roughly 62 acres. The CFD boundary also includes a 3.4 acre open space parcel and a 1.1 acre park parcel.

CC #: 9855

File #: 0206-03-01

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

6.18. City of Roseville Goals and Policies Concerning the Use of Mello-Roos Community Facilities Act of 1982

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-78 ADOPTING THE AMENDED GOALS AND POLICIES CONCERNING THE USE OF MELLO-ROOS COMMUNITY FACILITIES ACT OF 1982. Staff is recommending the City Council approve an update of The City of Roseville Goals and Policies Concerning the Use of Mello-Roos Community Facilities Act of 1982 with revisions to the language in the document to help clarify the meaning of the policy. The policy is also being revised to reference the newly established Schedule of Maintenance Costs and Charges that is applicable to all annexations into maintenance Community Facility Districts (CFDs) and newly formed maintenance CFDs. Approval of the update will not have any impact of the City's General Fund.

CC #: 9851

File #: 0206-03

CONTACT: Jeannine Thrash 916-774-5473 jthrash@rosville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

6.19. Audit Services - Professional Services Agreement Amendment

Memo from Accounting Supervisor Nick Rosas and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-88 APPROVING A SECOND AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND VAVRINEK, TRINE, DAY & COMPANY, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff wishes to exercise the City's option to extend the term of the existing agreement for financial audit services for an additional two-year period. The cost of the financial audit services is \$181,900.00 per year, for a total of \$363,800.00 over the two-year period, part of which will be paid for by the General Fund. The cost of the first year of the audit services has been budgeted in the FY 2018-19 budget. The cost of the second year of the audit services will be included in the FY 2019-20 budget, pending City Council approval.

CC #: 9861

File #: 0201-02

CONTACT: Nick Rosas 916-774-5314 nrosas@roseville.ca.us

6.20. Housing Element Annual Progress Report for Calendar Year 2018

Memo from Housing Analyst Trisha Isom and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 19-73 HOUSING ELEMENT ANNUAL PROGRESS REPORT AND THE HOUSING SUCCESSOR'S ANNUAL REPORT OF THE LOW AND MODERATE INCOME HOUSING TRUST FUND. Staff is providing the City Council an annual informational report on the status of the Housing Element of the General Plan and progress in its implementation, as required by the State of California. This item does not impact the General Fund.

CC #: 9843

File #: 0709-01

CONTACT: Trisha Isom 916-746-1239 tisom@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

6.21. Staffing Allocation and Salary Schedule Changes

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt ORDINANCE NO. 6065 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6057, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES, AS AMENDED BY APPENDIX "B" TO BE EFFECTIVE MARCH 30, 2019, AS AN URGENCY MEASURE. Staff is recommending the addition of an Information Technology Client Services Supervisor classification on the Management A & B salary schedules. In addition, staff is also requesting approval of the citywide allocation schedule reflecting the reclassification of 1 allocation on the citywide allocation schedule. The total FY2018-19 cost is \$2,374.00.

CC #: 9867

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Ordinances (for second reading and adoption)

6.22. Play Care Commercial Project Rezone

ORDINANCE NO. 6066 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE, for second reading and adoption.

CC #: 9869

File #: 0400-04-07-2

CONTACT: Kinarik Shallow 916-746-1309 kshallow@roseville.ca.us

6.23. The Villages at Kit Carson Project Rezone

ORDINANCE NO. 6067 OF THE COUNCIL OF THE CITY OF ROSEVILLE

AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE, for second reading and adoption.

CC #: 9870

File #: 0400-04-17-2

CONTACT: Charity Gold 916-774-5247 cgold@roseville.ca.us

Reports / Requests

6.24.Out of State Travel Request - Police Memorial Week

Memo from Police Captain Troy Bergstrom and Police Chief James Maccoun recommending the City Council approve out-of-state travel for the Police Department Honor Guard Team to attend the National Police Week Memorial in Washington D.C. from May 12-17, 2019. All travel costs, except lodging, are being covered by donations or the participants. Lodging expenses will be paid through the Police Department Training funds and is not expected to exceed \$4,000.00. Sufficient funds are available in the Police Department's FY2018-19 budget.

CC #: 9872

File #: 0600-02

CONTACT: Troy Bergstrom 916-774-5058 tbergstrom@roseville.ca.us

6.25.John L Sullivan Park (WB-51) - Master Plan Approval

Memo from Park Planning & Development Superintendent Tara Gee and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve the John L. Sullivan Park (WB-51) Master Plan. This park design meets the allocated budget of \$950,000.00, which includes hard costs (construction) and soft costs (design, engineering, permits, project management, and inspection). Park development fees have been collected through the Westbrook Neighborhood Park Fund. The funding source for maintenance is provided through the Westbrook Community Facilities District for Service. There will be no General Fund impact.

CC #: 9839

File #: 0704-01

CONTACT: Tara Gee 916-774-5253 tgee@roseville.ca.us

6.26.Out of State Travel Request - Fire Department

Memo from Division Chief Jason Rizzi and Fire Chief Rick Bartee recommending the City Council approve out of state travel for one Fire Department staff member to attend the Government Social Media conference in Nashville, TN, in April 2019. Funding for travel, lodging, per diem and conference registration is estimated to be \$2,500.00 and is included in the Fire Department's current fiscal year budget. The Government Social Media Conference is the only major social media conference for U.S. city, county, and state governments. This conference is specifically designed to educate cities, counties, states, and federal agencies on

social media best practices, not only for day-to-day social media use, but also best practices for emergency management social media use.

CC #: 9836

File #: 0600-02

CONTACT: Jason Rizzi 916-774-5802 jrizzi@roseville.ca.us

6.27. Out of State Travel Request - Fire Department

Memo from Assistant Fire Chief Greg James and Fire Chief Rick Barteo recommending the City Council approve out-of-state travel for 3 Fire Department staff members to attend the Tank Car Safety Course. This course is held at the Association of American Railroad's Security and Emergency Response Training Center located at the Transportation and Technology Center near Pueblo, CO. The Roseville Fire Department has a Type-1 Hazardous Materials team capable of responding to various Hazardous Materials rail incidents in Roseville and the surrounding area. These classes focus on technical damage assessment and field repair of damaged hazardous materials railcars in order to rapidly and effectively mitigate emergencies. This effective response protects residents while providing a minimal amount of disruption to business and commerce. Total cost to the department is approximately \$6,000.00. Funds for this training are available in the department's current fiscal year budget. Approximate costs in the amount of \$10,500.00 which includes tuition, travel, and lodging will be covered by Union Pacific.

CC #: 9844

File #: 0600-02

CONTACT: Greg James 916-774-5806 gjames@roseville.ca.us

6.28. Fiscal Year 2018-19 Second Quarter Report

Memo from Budget Manager Scott Pettingell and Chief Financial Officer Dennis Kauffman with an informational report that includes financial data for the second quarter of FY2018-19 for the General Fund, the enterprise operating funds, and revenues in selected other funds.

CC #: 9837

File #: 0201

CONTACT: Scott Pettingell 916-746-1306 spettingell@roseville.ca.us

6.29. State and Federal Legislative Platform 2019

Memo from Government Relations Administrator Mark Wolinski and Public Affairs & Communications Director Megan MacPherson with the City's Legislative Platform as a result of the City Council's articulation of its goals and priorities during legislative updates and the City Council's Legislative Platform Workshop held February 20, 2019. The Legislative Platform conveys the Council's position on issues that are currently, or are anticipated to be, the focus of future legislation and regulation at the state and federal levels.

CC #: 9842

END OF CONSENT CALENDAR

7. RESOLUTIONS

7.1. Dry Creek Greenway East Trail - EIR Certification and Project Approval

Memo from Alternative Transportation Manager Michael Dour and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-68 CERTIFYING A FINAL ENVIRONMENTAL IMPACT REPORT RELATING TO THE DRY CREEK GREENWAY EAST TRAIL PROJECT, MAKING FINDINGS OF FACT, ISSUING A STATEMENT OF OVERRIDING CONSIDERATIONS, APPROVING A MITIGATION MONITORING PROGRAM AND APPROVING THE DRY CREEK GREENWAY EAST TRAIL PROJECT. This item is a request for City Council action on the Dry Creek Greenway East Trail Project. The Dry Creek Greenway East Trail Project is a proposed paved multi-use trail along Dry, Cirby, and Linda Creeks from Darling Way/Riverside Avenue to the City limits at S. Cirby Way/Old Auburn Road. The project is identified as a proposed Class I bikeway in the City of Roseville General Plan and Bicycle Master Plan. The requested actions are to certify the project Environmental Impact Report, approve the Findings of Fact and Statement of Overriding Considerations, and approve the project, including Alignment Option 1B for the Hillcrest area and Alignment Option 5A for the Sunrise Avenue area. There is no cost associated with this action, and no General Fund expenditures are anticipated with the future construction of the project.

CC #: 9864

File #: 0721-05 & 0400-06-03

CONTACT: Michael Dour 916-746-1304 mdour@roseville.ca.us

Acting Public Works Director Jason Shykowski made the presentation to Council.

Alternative Transportation Manager Michael Dour continued the presentation to Council.

Dale McAfee - Spoke to concerns regarding impacts on business property.

David Allen - Spoke in support of project.

Sandy (declined to state last name) - Spoke in opposition of project.

Chris Ewers - Spoke in support of project.

Motion by Bruce Houdesheldt, seconded by Scott Alvord, to adopt RESOLUTION NO. 19-68 CERTIFYING A FINAL ENVIRONMENTAL IMPACT REPORT RELATING TO THE DRY CREEK GREENWAY EAST

TRAIL PROJECT, MAKING FINDINGS OF FACT, ISSUING A STATEMENT OF OVERRIDING CONSIDERATIONS, APPROVING A MITIGATION MONITORING PROGRAM AND APPROVING THE DRY CREEK GREENWAY EAST TRAIL PROJECT including alignment Option 1B for the Hillcrest area and alignment Option 5A for the Sunrise area. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.2. Historic District Parking Project - Professional Services Agreement

Memo from Senior Engineer Stefanie Kemen and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-74 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND INTERWEST CONSULTING GROUP, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This is a professional services agreement with Interwest Consulting Group, Inc. for negotiations to acquire real property in the Historic Old Town Roseville area for a planned Parking Project. The costs of the services will not exceed \$34,750.00 and will be funded from General Fund contingency. No additional General Fund resources are required as there are adequate resources in the General Fund contingency to fund the recommended purchase.

CC #: 9845

File #: 1002-02 & 0401-02-02

CONTACT: Stefanie A. Kemen 916-746-1300 skemen@roseville.ca.us

Assistant City Manager Kevin Payne made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adopt RESOLUTION NO. 19-74 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND INTERWEST CONSULTING GROUP, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.3. Authorization to Submit Grant Application to Sacramento Area Council of Governments

Memo from Administrative Analyst Alison Winter and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-84 AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO SUBMIT A SACRAMENTO AREA COUNCIL OF GOVERNMENTS DISCRETIONARY FEDERAL TRANSPORTATION ADMINISTRATION TRANSIT PROGRAMMING APPLICATION AND TO EXECUTE ALL RELATED FORMS AND AGREEMENTS. Staff requests authorization to submit an

application to the Sacramento Area Council of Governments and to execute all related forms and agreements that will allow the City to receive up to \$688,556.00 from Sacramento Urbanized Area Federal Transit Administration to purchase one (1) zero-emission battery electric bus to expand commuter service.

CC #: 9857

File #: 0721 & 0214

CONTACT: Alison Winter 916-746-1316 awinter@roseville.ca.us

Acting Public Works Director Jason Shykowski made the presentation to Council.

Alternative Transportation Manager Mike Dour continued the presentation to Council.

No public comment received.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to adopt RESOLUTION NO. 19-84 AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO SUBMIT A SACRAMENTO AREA COUNCIL OF GOVERNMENTS DISCRETIONARY FEDERAL TRANSPORTATION ADMINISTRATION TRANSIT PROGRAMMING APPLICATION AND TO EXECUTE ALL RELATED FORMS AND AGREEMENTS. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.4. Exclusive Right to Negotiate Agreement for Property Exchange (West Roseville Specific Plan Parcels F-55, W-60a, W-60b)

Memo from Senior Planner Lauren Hocker and Development Services Director Mike Isom recommending Council adopt RESOLUTION NO. 19-85 APPROVING AN EXCLUSIVE RIGHT TO NEGOTIATE AGREEMENT FOR PROPERTY EXCHANGE, BY AND BETWEEN THE CITY OF ROSEVILLE AND WEST ROSEVILLE, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item will allow staff to negotiate exclusively with West Roseville, LLC to exchange 25.67 acres of City-owned property (Parcel F-55) for 25.67 acres of property owned by West Roseville, LLC (Parcel W-60a and a portion of Parcel W-60b) in the West Roseville Specific Plan area of the City of Roseville. Any property exchange agreement resulting from the exclusive negotiations would require future City Council approval. Aside from Development Services, City Attorney, and City Manager staff time associated with negotiations, there are no direct impacts to the General Fund as a result of this item.

CC #: 9858

File #: 0400-04-09

CONTACT: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

Assistant City Manager Kevin Payne made the presentation to Council.

Senior Planner Lauren Hocker continued the presentation to Council.

No public comment received.

Motion by Scott Alvord, seconded by Bruce Houdesheldt, to adopt RESOLUTION NO. 19-85 APPROVING AN EXCLUSIVE RIGHT TO NEGOTIATE AGREEMENT FOR PROPERTY EXCHANGE, BY AND BETWEEN THE CITY OF ROSEVILLE AND WEST ROSEVILLE, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

8. ORDINANCES

8.1. HOUSING SUCCESSOR AGENCY/CITY COUNCIL - Homeless Prevention and Rapid Rehousing Funding Allocations and Budget Adjustment

Memo from Housing Manager Danielle Foster and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 19-90 APPROVING FUNDING RECOMMENDATIONS AND AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE GRANT AGREEMENTS ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6064 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This item allocates 2019 Homeless Prevention and Rapid Rehousing grants to local non-profit partners using the budgeted \$250,000.00 of affordable housing funding as the Housing Successor of the Roseville Redevelopment Agency, and another \$125,000.00 of Sutter Health's *Getting to Zero* funding for grants totaling \$375,000.00. A related budget adjustment is included for the Sutter Health grant funding. This item does not impact the General Fund.

CC #: 9865

File #: 0709-05 & 0201-01

CONTACT: Danielle Foster 916-774-5446 dfoster@roseville.ca.us

Housing Manager Danielle Foster made the presentation to Council.

Louise Czopek - Project Manager at Stand-Up Placer - spoke in support.

Keith Diederich - CEO at the Gathering Inn - spoke in support.

Motion by Bruce Houdesheldt, seconded by Scott Alvord, to adopt RESOLUTION NO. 19-90 APPROVING FUNDING RECOMMENDATIONS AND AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE GRANT AGREEMENTS ON BEHALF OF THE CITY OF ROSEVILLE; and

adopt ORDINANCE NO. 6064 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

9. SPECIAL REQUESTS/REPORTS/PRESENTATION

9.1. Electric Department - Proposed Budget

Memo from Michelle Bertolino with an update on Roseville Electric Utility's proposed FY2019-20 budget. This is an informational presentation that has no fiscal impact.

CC #: 9833

File #: 0800-03

CONTACT: Michelle Bertolino 916-774-5603 mbertolino@roseville.ca.us

Electric Utility Director Michelle Bertolino made the presentation to Council.

No public comment received.

Item for information only. No official action taken.

9.2. Environmental Utilities Department - Budget Update

Memo from Environmental Utilities Director Richard Plecker with a budget update for the Environmental Utilities Department. This is an informational presentation and has no fiscal impact.

CC #: 9834

File #: 0800-02

CONTACT: Richard Plecker 916-774-5714 rplecker@roseville.ca.us

Environmental Utilities Director Richard Plecker made the presentation to Council.

No public comment received.

Item for information only. No official action taken.

10. APPOINTMENTS

10.1. Appointments to Transportation Commission and Planning Commission

Memo from Deputy City Clerk Ryan Carroll and City Clerk Sonia Orozco

recommending Council appoint (1) one member to the Transportation Commission with a term ending December 31, 2019, from the following (3) three individuals who submitted an application for consideration: Dan Groff, Neil Peacock, and John Raniseski; and appoint (1) one member to the Planning Commission with a term ending June 30, 2020, from the following (5) five individuals who submitted applications for consideration: Pam Herman, Tracy Librea, Jonathan Martin, Neil Peacock, and Andrew Waldrop.

CC #: 9862

File #: 0103 & 0103-13-03 & 0103-07-03

CONTACT: Ryan Carroll 916-774-5265 rcarroll@roseville.ca.us

City Clerk Sonia Orozco made the presentation to Council.

No public comment received.

Motion by Bruce Houdesheldt, seconded by Krista Bernasconi, to appoint Dan Groff to the Transportation Commission with a term ending December 31, 2019. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to appoint Jonathan Martin to the Planning Commission with a term ending June 30, 2020. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

11. PUBLIC HEARING

11.1. Statewide Community Infrastructure Program Participation

Memo from Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 19-92 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING THE CALIFORNIA STATEWIDE COMMUNITIES DEVELOPMENT AUTHORITY TO ISSUE LOCAL OBLIGATIONS WITHIN THE JURSDICTIONAL BOUNDARIES OF THE CITY FROM TIME TO TIME FOR THE STATEWIDE COMMUNITY INFRASTRUCTURE PROGRAM AND AUTHORIZING RELATED ACTIONS. Staff recommends that the City Council authorize the City to participate in the Statewide Community Infrastructure Program (SCIP). The SCIP program financing will include a City administrative fee, per the City's master fee schedule at 100% full cost recovery, to cover staff time involved with the processing and tracking of SCIP applications.

CC #: 9868

File #: 0110

CONTACT: Laura Matteoli 916-774-5284 lmatteoli@roseville.ca.us

Mayor John Allard opened the public hearing.

Economic Development Director Laura Matteoli made the presentation to Council.

Jeff Short - representing North State BIA - spoke in support.

Mayor John Allard closed the public hearing.

Motion by Bruce Houdesheldt, seconded by Scott Alvord, to adopt RESOLUTION NO. 19-92 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING THE CALIFORNIA STATEWIDE COMMUNITIES DEVELOPMENT AUTHORITY TO ISSUE LOCAL OBLIGATIONS WITHIN THE JURISDICTIONAL BOUNDARIES OF THE CITY FROM TIME TO TIME FOR THE STATEWIDE COMMUNITY INFRASTRUCTURE PROGRAM AND AUTHORIZING RELATED ACTIONS. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

11.2. Schedule of Maintenance Costs and Charges for Maintenance Community Facilities Districts Adoption

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-79 ADOPTING A SCHEDULE OF MAINTENANCE COSTS AND CHARGES FOR COMMUNITY FACILITIES DISTRICTS. The proposed Schedule of Maintenance Costs and Charges for Maintenance Community Facilities Districts (CFDs) identifies costs for services provided by the City at the request of, or on behalf of, individual districts, as opposed to the public at large. This schedule of costs and charges is intended for application to all future maintenance CFD annexations as well as any new maintenance CFDs planned and formed by the City. The proposed Schedule of Maintenance Costs and Charges for Maintenance CFDs is intended to target full cost recovery in a fair and reasonable manner for all future maintenance CFDs once implemented.

CC #: 9853

File #: 0206-03

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us

Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Mayor John Allard opened the public hearing.

Chief Financial Officer Dennis Kauffman made the presentation to Council.

President of Clear Source Financial Terry Madsen continued the presentation to Council.

Marcus LoDuca - representing Brookfield Development - spoke to development agreement provisions and that each plan is going to be different.

Mayor John Allard closed the public hearing.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to adopt RESOLUTION NO. 19-79 ADOPTING A SCHEDULE OF MAINTENANCE COSTS AND CHARGES FOR COMMUNITY FACILITIES DISTRICTS. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

12. COUNCIL / STAFF / REPORTS/ COMMENTS

"What's Happening in Roseville"- Public Affairs and Communications Director Megan MacPherson previewed most recent video.

Appointment of Assistant City Manager - City Manager Dominick Casey announced Dion Louthan. Mayor Allard and councilmembers congratulated Dion Louthan, who responded.

Town Hall with Non-Profits on Mental Health for Children - Councilmember Pauline Roccucci spoke on attendance.

Transportation and Planning Commission Applicants - Councilmember Bruce Houdesheldt thanked applicants and congratulated new appointees.

Regional Water Authority - Councilmember Bruce Houdesheldt spoke on attendance.

Chili Cook-Off - Councilmember Bruce Houdesheldt spoke on event

RCORE Luncheon - Vice Mayor Krista Bernasconi thanked retired City of Roseville employees for the invitation to speak to them.

Pleasant Grove Wastewater Treatment Plant Tour - Vice Mayor Krista Bernasconi thanked Environmental Utilities Director Rich Plecker.

North State BIA Speaker - Vice Mayor spoke on event and extended thanks from BIA to Roseville city staff.

Roseville Citizens' Police Academy - Councilmember Scott Alvord spoke on program and offered thanks for the program.

Chili Cook-Off - Councilmember Scott Alvord congratulated 3rd Place Winner Dominick Casey.

13. ADJOURNMENT

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adjourn the meeting at 9:33 p.m. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci



MINUTES

April 3, 2019

CITY COUNCIL MEETING

7:00 p.m.

Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us

1. CALL TO ORDER

Vice Mayor Krista Bernasconi called the April 3, 2019 City Council meeting to order at 7:00 p.m.

2. ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt
Absent: Allard

3. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Barbara Besana

4. MEETING PROCEDURES

Assistant City Clerk Audrey Byrnes announced the procedures for addressing the City Council.

5. PRESENTATIONS

5.1. Proclamation - Child Abuse Prevention Month

Proclaim April 2019 as Child Abuse Prevention Awareness Month and urge all citizens to join KidsFirst, Child Abuse Prevention Council, and its engaged partners, as they support efforts to keep children safe, happy, and healthy.

CONTACT: Rosalinda Parra 916-774-5287 rparra@roseville.ca.us

Vice-Mayor Krista Bernasconi made the presentation to Barbara Besana, Executive Director of the Kids First Council and the Placer County Child Abuse Prevention organization, who responded.

6. PUBLIC COMMENTS

Robert Elster - Spoke to Placer County Veterans Stand Down event to be held on May 14-16, 2019 at the Placer County Fairgrounds.

7. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Motion by Scott Alvord, seconded by Bruce Houdesheldt, to remove items 7.1 and 7.20 from the Consent Calendar to be presented and approved separately and approve the remaining items as recommended. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

Bids / Purchases / Services

7.1. 2019 Residential Resurfacing Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Assistant Engineer Paul Anderson and Acting Public Works Director Jason Shykowski recommending the City Council approve plans and specifications for the 2019 Residential Resurfacing project and authorize staff to call for bids. The scope of this project consists of resurfacing of various streets within the Woodcreek Oaks, Woodcreek Oaks and Foothills Junction, Maidu, and South Cirby neighborhoods, and on Automall Drive and Baseline Road. The engineer's estimate for this project is approximately \$3,000,000.00 and the project will be paid for with Gas Tax funds, Highway Users Tax, and SB-1 Road Maintenance and Rehabilitation Account funds. No General Fund resources will be used.

CC #: 9894

File #: 0900-04-01

CONTACT: Paul Anderson 916-746-1300 pranderson@roseville.ca.us

Item removed by Councilmember Pauline Roccucci for clarification. Senior Engineer

Stefanie Kemen made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Scott Alvord, to approve plans and specifications for the 2019 Residential Resurfacing project and authorize staff to call for bids. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

7.2. Harry Crabb Park Phase 2 Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve the plans and specifications for the Harry Crabb Park Phase 2 project and authorize staff to call for bids. This 18.8 acre park site is located on Scarborough Drive and Secret Ravine Parkway in the Stoneridge Specific Plan. The estimate for construction of the base bid is \$5,881,693.00, and the total for additive alternates is \$863,808.00. Funding for park construction is provided through the Citywide Park fund and was allocated in the FY2014-15 budget. It is anticipated that a budget adjustment request for additional funding will be recommended once bids have been received. Construction of the project had been on hold because of a lack of General Fund resources available for maintenance of Citywide parks. Maintenance of the Phase 2 acreage and amenities will be a new obligation funded by the additional General Fund resources provided by the Measure B half-cent local sales tax.

CC #: 9878

File #: 0704-01

CONTACT: Joel De Jong 916-774-5342 jdejong@roseville.ca.us

7.3. Telecommunications System - Service Agreement Amendment

Memo from Program Manager Matt Donaldson and Chief Information Officer Hong Sae recommending the City Council adopt RESOLUTION NO. 19-117 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND ALTURA COMMUNICATION SOLUTIONS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1904063). Staff requests approval of a service agreement amendment with Altura Communication Solutions for software support and upgrades, hardware maintenance and replacements, and 24x7 remote monitoring services for the City's telecommunication system. The total cost of the amendment is \$97,186.68, for a total not to exceed \$114,430.57. Funding is included in the Information Technology Department's FY2018-19 budget.

CC #: 9912

File #: 0203-06

CONTACT: Matt Donaldson 916-774-5405 mdonaldson@roseville.ca.us

7.4. Hillcrest Drainage Improvement Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Associate Engineer Noah Siviglia and Acting Public Works Director Jason Shykowski recommending the City Council approve the revised plans and specifications for the Hillcrest Drainage Improvement Project and authorize staff to call for bids. The project includes improvements to storm drain systems in the

Hillcrest and Crestmont neighborhoods, as well as ADA upgrades and curb and gutter repair in the Hillcrest neighborhood. The construction estimate for the base project is \$3.75 million and is fully funded with Gas Tax. The project also includes alternate bid items to be awarded based on available budget. No General Fund resources are allocated for this project.

CC #: 9883

File #: 0900-04-02

CONTACT: Noah Siviglia 916-746-1379 nsiviglia@roseville.ca.us

7.5. Pistachio Regional Park, Phase 1 - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve the plans and specifications for Pistachio Regional Park, Phase 1 (formerly parksite F-56) and authorize staff to call for bids. This 44-acre joint-use city-wide park site is located in the West Roseville area off of West Park Drive and High School Road. The estimate for construction for the base bid is \$5,783,006.00. Additive alternatives have also been identified and include paving the parking lot, constructing a restroom building and constructing a second softball field. Funding for the project is provided through the West Roseville Citywide Park Development Fund. Maintenance for all Citywide parks is typically paid by the General fund but, in this case, it is proposed to be partially offset by the Roseville Joint Union High School District for the first five years.

CC #: 9886

File #: 0704-01

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

7.6. On-Call Inspection Services - Service Agreement Amendment

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-101 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND 4LEAF, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (\$1909079). 4Leaf, Inc. provides on-call inspection services for the Parks, Recreation & Libraries Department. In addition to new park projects, development of new streetscapes are ongoing and require inspections. This amendment will increase the service agreement amount by \$100,000.00 bringing the total amount to \$200,000.00 for the current FY2018-19. Work performed under this service agreement will utilize developer fees and/or capital improvement project accounts.

CC #: 9884

File #: 0704

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

7.7. On-Call Landscape Construction Services - Service Agreement

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-116 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND CLEARWATER CONSTRUCTION SERVICES, INC. DBA CLEARWATER LANDSCAPE SERVICES, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (\$1909093). Staff recommends awarding an on-call landscape construction service agreement to Clearwater Landscape Services, Inc. The value of the service agreement is \$500,000.00 for each year of award. The agreement includes a one-year base term with the option of three additional one-year extensions. Funding for on-call landscape construction services is provided through the Parks, Recreation and Library Capital Fund, approved operations budgets, and community facilities district/landscape & lighting district budgets.

CC #: 9911

File #: 0704

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.8. Steel Pole Foundations (RFQ 10-3197) - Service Agreement and Budget Adjustment

Memo from Buyer Babette Owens and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-102 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND EDWARD T. NAVICKIS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (\$1903208); and adopt ORDINANCE NO. 6069 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This service agreement is for materials and labor to construct and install three steel pole foundations. The total cost of the agreement is \$139,500.00 and authorizes the Electric Utility Director or her designee to approve change order requests for this project up to 10% (\$13,950.00) as a construction contingency, for a grand total of \$153,450.00. The requested budget adjustment will transfer funds in the Roseville Electric Department's Electric Construction Fund, to the 60kV Restraining Capital Improvement Project.

CC #: 9888

File #: 0203-07 & 0201-01

CONTACT: Babette Owens 916-774-5704 bowens@roseville.ca.us

7.9. Shadowbrook Lift Station and Force Main Project, Riparian and Oak Woodland Restoration - Service Agreement and Budget Adjustment

Memo from Senior Engineer Tracie Mueller and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-111 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND TRIANGLE PROPERTIES, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF

ROSEVILLE (S1909090); and adopt ORDINANCE NO. 6073 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This item requests the City Council approve a \$25,000.00 budget adjustment to transfer Wastewater Rehabilitation funds to the Shadowbrook Pump Station and Force Main project budget. Additionally, this item requests approval and award of a service agreement to Triangle Properties in the amount of \$136,980.00 for the project's Riparian and Oak Woodland Restoration Phase, and authorization for the Environmental Utilities Director or his designee to approve and pay for contract change orders for the project that could increase the contract amount by no more than 10% or \$13,698.00. The contract amount will be paid from the existing capital improvement project budget, which is funded through the Wastewater Rehabilitation fund.

CC #: 9899

File #: 0900-02 & 0201-01

CONTACT: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

7.10.800 MHz Radio System - Service Agreement Amendment

Memo from Network Infrastructure Program Manager Matt Donaldson and Chief Information Officer Hong Sae recommending the City Council adopt RESOLUTION NO. 19-94 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND CDX WIRELESS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909065). Staff requests approval of an amendment to a service agreement with CDX Wireless, Inc. to assist the City in auditing and optimizing its new 800MHz radio system. The cost of the amendment is \$27,210.00, bringing the total cost for this service agreement for FY2018-19 to \$50,000.00. Funding is included in the 800MHz Radio System Capital Improvement project.

CC #: 9873

File #: 0203-05

CONTACT: Matt Donaldson 916-774-5405 mdonaldson@roseville.ca.us

7.11. Enterprise Resource Planning Project Data Conversion Consultant - Service Agreement Amendment

Memo from Information Technology Program Manager Duke Arakaki and Chief Information Officer Hong Sae recommending the City Council adopt RESOLUTION NO. 19-97 APPROVING AMENDMENT NO. 2 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND KAHANA CONSULTING, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1809348). This is a request of the City Council to approve a contract amendment to perform data extractions in support of the Enterprise Resource Planning (ERP) project in the amount of \$10,000.00 and extend the contract expiration date to September 1, 2019. This brings the total not-to-exceed contract amount to \$40,000.00. Funding is included in the ERP Capital Improvement Project budget.

CC #: 9876

File #: 0800-05

CONTACT: Duke Arakaki 916-774-5212 darakaki@roseville.ca.us

7.12. Utility Tree Trimming – Service Agreement Amendment

Memo from Electric Operations Supervisor Jeff Beaubier and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 19-107 APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND UTILITY TREE SERVICE, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909017). This item requests the City Council approve an amendment to a service agreement with Utility Tree Service, LLC. to continue providing high voltage line tree trimming services on an as-needed basis. This amendment increases the agreement amount by \$40,000.00, bringing the total annual amount from \$531,044.99 to \$571,044.99. Funding is available in the FY2018-19 Electric Department budget.

CC #: 9893

File #: 0203-07

CONTACT: Jeff Beaubier 916-774-5611 jbeaubier@roseville.ca.us

Resolutions

7.13. Westpark - Village Center 28 - Certificate of Completion

Memo from Construction Inspector Keith Litts and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-104 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS WESTPARK - VILLAGE CENTER 28 PROJECT, APPROVING THE "CERTIFICATE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 9890

File #: 0400-04-09-1

CONTACT: Keith Litts 916-517-7598 klitts@roseville.ca.us

7.14. Westpark - Village Center 29 - Certificate of Completion

Memo from Construction Inspector Keith Litts and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-105 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS WESTPARK - VILLAGE CENTER 29 PROJECT, APPROVING THE "CERTIFICATE OF COMPLETION", AND

AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 9891

File #: 0400-04-09-1

CONTACT: Keith Litts 916-517-7598 klitts@roseville.ca.us

7.15. Bond Trustee Services – Professional Services Agreement Amendment

Memo from Financial Analyst Jacquie Clarizio and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-100 APPROVING A THIRD AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND BANK OF NEW YORK MELLON TRUST COMPANY, N.A., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests approval of the third amendment of a professional service agreement to extend bond trustee services with Bank of New York Mellon from July 1, 2019, to June 30, 2020 at a cost of \$75,000.00, bringing the total not-to-exceed contract amount to \$300,000.00. Payment for these services will be paid by the Environmental Utilities Department, the Electric Department, and community facilities districts.

CC #: 9882

File #: 0200

CONTACT: Jacquie Clarizio 916-774-5323 jclarizio@roseville.ca.us

7.16. Utility Bill Print and Mail Services - Professional Services Agreement

Memo from Billing Services Manager Andrea Blomquist and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-103 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND INFOSEND, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of a professional services agreement with Infosend, Inc. for bill print, mail, and archiving services. The estimated annual cost of service is \$500,000.00 and is based on a fee schedule and the number of items processed for utility statements and notices. This contract is for three years, with annual renewal thereafter. The estimated annual cost of service is \$500,000.00.

CC #: 9889

File #: 0200

CONTACT: Andrea Blomquist 916-774-5317 ablomquist@roseville.ca.us

7.17. Enterprise Resource Planning Project - Professional Services Agreement

Memo from ERP Manager Nafees Coleman and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-115 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND ALPHA NET CONSULTING, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests approval of a professional services agreement with Alpha Net Consulting, LLC to provide professional consulting services to support the Oracle Enterprise Resource Planning (ERP) project. The cost of the agreement is \$64,000.00 and funding is included in the ERP project budget.

CC #: 9909

File #: 0800-05

CONTACT: Nafees Coleman 916-774-5163 ncoleman@roseville.ca.us

7.18.Citywide Painting Services - Notice of Completion

Memo from Project Coordinator Lori Hogan and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-108 ACCEPTING THE PUBLIC WORK KNOWN AS CITYWIDE PAINTING SERVICES PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE ACTING PUBLIC WORKS DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council accept the Citywide Painting Services project as complete. The total cost of the project was \$186,000.00 with no contingency and was paid for by the Facility Rehabilitation fund.

CC #: 9895

File #: 0203-04

CONTACT: Lori Hogan 916-774-5707 lhogan@roseville.ca.us

7.19.Electric Painting Services - Notice of Completion

Memo from Project Coordinator Lori Hogan and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-99 ACCEPTING THE PUBLIC WORK KNOWN AS ROSEVILLE ELECTRIC PAINTING SERVICES PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE ACTING PUBLIC WORKS DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council accept the Roseville Electric Painting Services project as complete and authorize the Acting Public Works Director to execute the Notice of Completion on behalf of the City. The total cost of the project was \$82,000.00 with no contingency and was paid for by the Electric Department's FY2018-19 Electric Rehabilitation fund.

CC #: 9880

File #: 0203-07

CONTACT: Lori Hogan 916-774-5707 lhogan@roseville.ca.us

7.20.2020 Residential Resurfacing Project - Road Maintenance and Rehabilitation

Account Project Identification

Memo from Associate Engineer Noah Siviglia and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-112 ADOPTING THE 2020 RESIDENTIAL RESURFACING PROJECT FUNDED BY SENATE BILL 1: THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017. Local agencies are required to list all proposed projects scheduled to receive Senate Bill 1 funding by resolution prior to receiving an apportionment of Road Maintenance and Rehabilitation Account (RMRA) funds in a fiscal year. This item identifies the City's 2020 Residential Resurfacing Project for use of the 2020 funding allotment from the fund. The project will apply a maintenance surface treatment to various residential streets within the Los Cerritos, Roseville Heights, and Hillcrest neighborhoods. The construction estimate for this project is \$3,000,000.00 and is funded by \$2.25 million from the RMRA Fund with the remaining costs covered by Highway Users Tax and Roadway funds. No General Fund resources will be used on this project.

CC #: 9906

File #: 0900-04-01

CONTACT: Noah Siviglia 916-746-1379 nsiviglia@roseville.ca.us

Item removed by Councilmember Pauline Roccucci for presentation.

Senior Engineer Stephanie Kemen made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to adopt RESOLUTION NO. 19-112 ADOPTING THE 2020 RESIDENTIAL RESURFACING PROJECT FUNDED BY SENATE BILL 1: THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

7.21. Street Closure Request - Concerts on the Square Series

Memo from Recreation Coordinator Chris Pelzman and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-96 OF THE COUNCIL OF THE CITY OF ROSEVILLE APPROVING THE CLOSING OF SOUTH GRANT STREET FOR CONCERT ON THE SQUARE SERIES. Staff requests the City Council approve the closure of South Grant Street on the third Saturday of each month from June - September, 2019 from 5:00 p.m. - 10:30 p.m. for the City sponsored Concerts on the Square event series. Funding for the June concert is \$4,900.00 and is included in the FY2018-19 Parks, Recreation & Libraries approved budget. The budget for the July, August and September concerts is \$14,200.00 and is included in the Parks, Recreation & Libraries Department's FY2019-20 budget request.

CC #: 9875

File #: 0109-02

CONTACT: Chris Pelzman 916-774-5977 cpelzman@roseville.ca.us

7.22.Astill Family (W-50B) Park Project - Notice of Completion

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-95 ACCEPTING THE PUBLIC WORK KNOWN AS THE ASTILL FAMILY (W-50B) PARK PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE PARKS, RECREATION & LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. Staff has made a final inspection of the Astill Family (W-50B) Park project and has found that all contract work has been completed in accordance with the approved plans and specifications. The project is now ready for acceptance. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. Funding for the project was approved in the Capital Improvement Program in FY2016-17 using West Roseville Neighborhood Park Funds. Maintenance for this park is provided through the West Roseville Community Facilities District for Services. There is no General Fund impact.

CC #: 9874

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.23.Workplace Investigations - Professional Services Agreement Amendment

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt RESOLUTION NO 19-106 APPROVING A FIRST AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND ELLIS MAKUS, LLP, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council authorize the increase of the service agreement with Ellis Makus LLP (formerly Ellis Buehler Makus LLP) for the City's workplace investigation services in the amount of \$25,000.00 for a total agreement amount not to exceed \$47,750.00. Funds are available in the FY2018-19 Human Resources budget.

CC #: 9892

File #: 0600

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

7.24.Community Facilities Districts and Landscaping and Lighting Districts - Budget Adjustments

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt ORDINANCE NO. 6070 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING

CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE; and adopt ORDINANCE NO. 6071 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE; and adopt ORDINANCE NO. 6072 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. A budget adjustment is recommended to fund equipment and make unanticipated repairs using available Landscaping and Lighting Districts (LLDs) resources. Budget adjustments are also recommended for some Community Facilities Districts (CFDs) and LLDs in order to true-up to the FY2018-19 levies that were submitted to Placer County. There are sufficient fund balances in all the identified CFDs and LLDs to accommodate these requests. There is no impact to the General Fund.

CC #: 9897

File #: 0201-01 & 0206 & 0208

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

7.25. Flood Emergency Response - Budget Adjustment

Memo from Accounting Supervisor Nick Rosas and Chief Financial Officer Dennis Kauffman recommending the City Council adopt ORDINANCE NO. 6068 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. The requested budget adjustment increases the spending authority in the General Fund - Public Works Department in the amount of \$69,420.00 to partially fund the Flood Emergency Response project that was completed by West Consultants, Inc. All deliverables related to the project were completed in September 2018 but project delays have created the need to renew the request for this funding as budget authority did not carryover to the current fiscal year. There is no impact to the General Fund as these expenses are covered by a grant received from the California Department of Water Resources.

CC #: 9881

File #: 0201-01 & 0307

CONTACT: Nick Rosas 916-774-5314 nrosas@roseville.ca.us

7.26. Building Plan Check Services - Budget Adjustment

Memo from Administrative Analyst Brandy LeBeau and Development Services Director Mike Isom recommending the City Council adopt ORDINANCE NO. 6074 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This item is a request for a \$200,000.00 increase to the Development Services Department FY2018-19 operating budget

for contract plan review services to keep pace with increasing development-related workload. The requested increase is offset by revenue received at the time of building permit issuance, resulting in no net impact to the General Fund.

CC #: 9908

File #: 0800-06 & 0201-01

CONTACT: Brandy LeBeau 916-774-5278 blebeau@roseville.ca.us

Reports / Requests

7.27. Out of State Travel Request – Environmental Utilities Department

Memo from Wastewater Utility Manager Kenneth Glotzbach and Environmental Utilities Director Richard Plecker recommending the City Council approve out of state travel for two Environmental Utilities staff members to attend a 2-day Advanced Treatment and Water Recycling roundtable meeting in April 2019 in Denver, Colorado. Travel costs are estimated to be \$2,500.00. Funding is included in the Wastewater Fund through the approved annual Wastewater Administration budget.

CC #: 9885

File #: 0600-02

CONTACT: Kenneth Glotzbach 916-774-5754 kglotzbach@roseville.ca.us

7.28. Subdivision No. 2005PL-159 at 936 Lawton Avenue Parcel Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Parcel Map Subdivision No. 2005PL-159. Engineering staff has completed its review of the parcel map and found it to be in compliance with the approved tentative map. This map will be creating 3 residential parcels. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9887

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Ceremonial Documents

7.29. Resolution of 2020 U.S. Census Support

Support the 2020 U.S. Census to ensure a complete, fair, and accurate count of all Californians.

CC #: 9905

File #: 0102-10

CONTACT: Megan MacPherson 916-774-5455 mmacpherson@roseville.ca.us

7.30. Resolution of Commendation to Vonette Fontaine

Recommend Vonette Fontaine be commended for 24 years of outstanding service

and dedication to the City of Roseville and extend wishes for a long, healthy, and enjoyable retirement.

CC #: 9910

File #: 0102-10

CONTACT: Cheryl Hammond 916-774-5636 chammond@roseville.ca.us

END OF CONSENT CALENDAR

8. SPECIAL REQUESTS/REPORTS/PRESENTATION

8.1. Family Mobile Crisis Team – Contract for Services

Memo from Public Information Officer Rob Baquera and Police Chief James Maccoun recommending the City Council adopt RESOLUTION NO. 19-98 APPROVING A CONTRACT FOR SERVICES, BY AND BETWEEN THE COUNTY OF PLACER THROUGH ITS HEALTH & HUMAN SERVICES DEPARTMENT, AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The Roseville Police Department works collaboratively with Family Mobile Crisis Team members to identify potential family crisis situations and engage them by offering services and resources to reduce calls for service and improve quality of life. This contract for services will co-locate a Family Mobile Crisis Team at the Roseville Police Department. Placer County will pay \$35,503.00 for all services and support for the life of the contract.

CC #: 9877

File #: 0323

CONTACT: Bridgette Dean 916-774-5017 bdean@roseville.ca.us

Vice Mayor Krista Bernasconi announced title of item and invited staff presentation.

Police Captain Marc Glynn and Police Social Services Administrator Bridgette Dean made the presentation to Council.

No public comment received.

Motion by Scott Alvord, seconded by Bruce Houdesheldt, to adopt RESOLUTION NO. 19-98 APPROVING A CONTRACT FOR SERVICES, BY AND BETWEEN THE COUNTY OF PLACER THROUGH ITS HEALTH & HUMAN SERVICES DEPARTMENT, AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

8.2. Johnson Pool Reroof Project - Approval of Plans and Specifications and

Authorization to Call for Bids

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve the plans and specifications for the Johnson Pool Reroof project and authorize staff to call for bids. In December 2017, the City received a grant from the Housing-Related Parks Program (HRPP) with the State of California's Department of Housing and Community Development. This project will use the HRPP grant monies to repair the structural beams and roof in the lifeguard\restroom building at Johnson Pool. Funding for the project was approved in FY2017-18 using the grant monies. Maintenance for this facility is through the Parks, Recreation & Libraries Operations budget. There will be no new General Fund impact.

CC #: 9879

File #: 0707

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

Park Planning and Development Superintendent Tara Gee made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to approve the plans and specifications for the Johnson Pool Reroof project and authorize staff to call for bids. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

8.3. Westbrook Community Facilities District No. 1 Special Tax Bonds, Series 2019

Memo from Administrative Analyst Jeannine Thrash and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-110 AUTHORIZING THE ISSUANCE OF SPECIAL TAX BONDS FOR AND ON BEHALF OF THE CITY OF ROSEVILLE WESTBROOK COMMUNITY FACILITIES DISTRICT NO. 1 (PUBLIC FACILITIES), APPROVING AND DIRECTING THE EXECUTION OF SUPPLEMENT NO. 2 TO FISCAL AGENT AGREEMENT, APPROVING THE FORM OF PRELIMINARY OFFICIAL STATEMENT, APPROVING SALE OF SUCH BONDS, APPROVING THE BOND PURCHASE AGREEMENT, APPROVING THE SECOND AMENDMENT TO FUNDING, CONSTRUCTION AND ACQUISITION AGREEMENT, AND APPROVING OTHER RELATED DOCUMENTS AND ACTIONS. The 2019 bonds are the third series of bonds being issued for the district and are being issued to construct and acquire certain public facilities of benefit to the district for phase 3 of the project, increase the amount in the debt service reserve fund, provide capitalized interest, and pay costs of issuance on the bonds. The Community Facilities District (CFD) will generate special taxes that will be paid by the property owners sufficient to pay the costs of the debt service, CFD administration, and any authorized pay-as-you-go facilities. The issuance of this third series of bonds will not impact the City's General Fund.

CC #: 9898

File #: 0206-03-01

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Chief Financial Officer Dennis Kauffman made the presentation to Council.

Gary Adams - spoke on use of bonds.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to adopt RESOLUTION NO. 19-110 AUTHORIZING THE ISSUANCE OF SPECIAL TAX BONDS FOR AND ON BEHALF OF THE CITY OF ROSEVILLE WESTBROOK COMMUNITY FACILITIES DISTRICT NO. 1 (PUBLIC FACILITIES), APPROVING AND DIRECTING THE EXECUTION OF SUPPLEMENT NO. 2 TO FISCAL AGENT AGREEMENT, APPROVING THE FORM PRELIMINARY OFFICIAL STATEMENT, APPROVING SALE OF SUCH BONDS, APPROVING THE BOND PURCHASE AGREEMENT, APPROVING THE SECOND AMENDMENT TO FUNDING, CONSTRUCTION AND ACQUISITION AGREEMENT, AND APPROVING OTHER RELATED DOCUMENTS AND ACTIONS. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

9. PUBLIC HEARING

9.1. Dutch Bros Coffee Kiosk - Appeal of Planning Commission Decision

Memo from Associate Planner Lauren Hocker and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-109 DENYING THE APPEAL FROM THE FEBRUARY 7, 2019 DECISIONS BY THE PLANNING COMMISSION TO DENY THE DESIGN REVIEW PERMIT, TO TAKE NO ACTION ON THE ADMINISTRATIVE PERMIT, AND TO DIRECT STAFF TO PROCESS THE VOLUNTARY MERGER ADMINISTRATIVELY; CONCLUDING THAT THE REQUIRED FOUR FINDINGS OF FACT FOR THE DESIGN REVIEW PERMIT CANNOT BE MADE AND DENYING THE DESIGN REVIEW PERMIT; DECLINING TO TAKE ACTION ON THE ADMINISTRATIVE PERMIT FOR A PARKING REDUCTION; AND DIRECTING STAFF TO PROCESS THE VOLUNTARY MERGER ADMINISTRATIVELY. On February 7, 2019, the Planning Commission held a public hearing on entitlements related to the Dutch Bros Coffee Kiosk project. At the conclusion of the hearing, the Planning Commission voted to deny the Design Review Permit, to take no action on the Administrative Permit for the Parking Reduction and to direct staff to process the Voluntary Merger administratively. The applicant has appealed the Planning Commission's decision.

CC #: 9896

File #: 0400-08

CONTACT: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

Dutch Brothers Coffee Kiosk - Appeal of Planning Commission was withdrawn.

9.2. North Central Roseville Specific Plan Creekside Retail - General Plan Amendment, Specific Plan Amendment, and Rezone

Memo from Associate Planner Charity Gold and Development Services Director Mike Isom recommending the City Council consider the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program adopted by the Planning Commission on February 28, 2019, and adopt RESOLUTION NO. 19-113 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATION ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and adopt RESOLUTION NO. 19-114 AMENDING THE NORTH CENTRAL ROSEVILLE SPECIFIC PLAN; and adopt the two (2) findings of fact; and introduce for first reading an ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE. The applicant requests approval of a General Plan Amendment, Specific Plan Amendment, and Rezone to change the land use designation on North Central Roseville Specific Plan Parcel 98A to allow development of a multi-tenant retail building. The resulting land use and zoning would increase the acreage dedicated to Regional Commercial, while reducing the acreage dedicated to General Industrial and Open Space land uses. This action has no significant impacts to the City's General Fund.

CC #: 9907

File #: 0400-04-04-2 & 0400-03 & 0400-02

CONTACT: Charity Gold 916-774-5247 cgold@roseville.ca.us

Planning Manager Greg Bitter introduced Associate Planner Charity Gold.

Associate Planner Charity Gold made the presentation to Council.

Greg Phillips - Phillips Land Law representing applicant - spoke in support.

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to adopt RESOLUTION NO. 19-113 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATION ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT WITHIN THE LAND USE ELEMENT; and to adopt RESOLUTION NO. 19-114 AMENDING THE NORTH CENTRAL ROSEVILLE SPECIFIC PLAN; AND adopt the two (2) findings of fact; and introduce for first reading an ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE.

The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II

10. COUNCIL / STAFF / REPORTS/ COMMENTS

Roseville Solar Project - City Manager Dominick Casey showed video to City Council.

Pride of Roseville Award Ceremony - Councilmember Pauline Roccucci congratulated awardees.

100 Year Anniversary of American Legion - Councilmember Bruce Houdesheldt spoke on organization.

Police Ride-A-Long - Councilmember Scott Alvord spoke on experience.

Grand Opening of 224 Vernon Street Studio Co-Working - Councilmember Scott Alvord reported on attending.

Goose Port Restaurant Soft Opening - Councilmember Scott Alvord and Councilmember Bruce Houdesheldt spoke on dinner experience.

Site Selectors Visiting South Placer County - Councilmember Scott Alvord spoke on group looking for quality of life and site selections for businesses.

Councilmember Support for Staff to Review Key Findings of Neighboring City State Audit - Councilmember Scott Alvord requested staff review and provide a report to insure Roseville is protected and won't fall victim to similar practices. No Council consensus reached to direct staff.

11. ADJOURNMENT

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to adjourn the meeting at 8:10 p.m. The Motion Passed.

Roll call vote: Ayes: Alvord, Bernasconi, Houdesheldt, Roccucci

Absent: Allard II



MINUTES

April 8, 2019

SPECIAL MEETING NOTICE CITY COUNCIL CLOSED SESSION

6:00 P.M.

Hutchison Conference Room 311

Vernon Street Roseville,

California

www.roseville.ca.us

A. CLOSED SESSION CALL TO ORDER

Mayor John B. Allard II called the Closed Session to order at 6:00 p.m. in the Hutchison Conference Room.

B. CLOSED SESSION SILENT ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard

C. CLOSED SESSION PUBLIC COMMENTS

No public comment received.

D. CLOSED SESSION

D.1. Conference with Labor Negotiators

Pursuant to California Government Code Section 54957.6

Agency designated representatives: Stacey Peterson

Employee Organizations: IBEW, Local 1245, and Stationary Engineers, Local 39.

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Closed Session Disclosure: City Attorney Robert Schmitt stated no reportable action was taken in Closed Session.

E. CLOSED SESSION ADJOURNMENT

Meeting adjourned at 7:00 p.m.



MINUTES

April 17, 2019

CITY COUNCIL SPECIAL MEETING CLOSED SESSION

6:00 p.m.

CITY COUNCIL MEETING SUCCESSOR AGENCY MEETING

7:00 p.m.

**City Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us**

CLOSED SESSION

6:00 p.m.

Conference with Labor Negotiators

Pursuant to California Government Code Section 54957.6

Agency designated representatives: Stacey Peterson

Employee Organizations: IBEW, Local 1245, and Stationary Engineers, Local 39.

Contact: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Closed Session Disclosure: City Attorney Robert Schmitt stated no reportable action was taken during Closed Session.

1. CALL TO ORDER

Mayor John B. Allard II called the April 17, 2019 City Council/Successor Agency Meeting to order at 7:00 p.m.

2. ROLL CALL

Present: Bernasconi, Alvord, Roccucci, Houdesheldt, Allard

3. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Lori Benitez.

4. MEETING PROCEDURES

City Clerk Sonia Orozco announced the procedures for addressing Council.

5. PRESENTATIONS

5.1. Proclamation - Big Day of Giving

Proclaim May 2, 2019 as Big Day of Giving and encourage all citizens to support the work of local nonprofit organizations who help the community thrive.

CONTACT: Rosalinda Parra 916-774-5287 rparra@roseville.ca.us

Councilmember Pauline Roccucci made the presentation to Hearts Landing Ranch representative Donna Eckwortzel, Sacramento Regional Community Foundation Board member Donna Courville, Blue Line Arts Co-Executive Director Brooke Abrames, Foothills Habitat for Humanity representative Joanne Auerbach, Stand Up Placer representative Jenny Davidson, ReCreate representative Donna Sangwin, who responded.

5.2. Proclamation - West Nile Virus and Mosquito and Vector Control Awareness Week

Proclaim April 21 - 27, 2019 as West Nile Virus and Mosquito and Vector Control Awareness Week, increasing public awareness of the threat of diseases, and encouraging preventative action to minimize health threats within Roseville.

CONTACT: Rosalinda Parra 916-774-5287 rparra@roseville.ca.us

Councilmember Bruce Houdesheldt read the presentation as no representative from the Placer Mosquito and Vector Control District was in attendance.

6. PUBLIC COMMENTS

Murial Moore - spoke on Junction Elementary School incident.

7. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Motion by Krista Bernasconi, seconded by Pauline Roccucci, to remove items 7.8, 7.15, and 7.19 from the Consent Calendar to be discussed separately, and approve the remaining items recommended. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

Bids / Purchases / Services

7.1. RG Phillips (F-52) Park Project – Reject all Bids and Authorization to Call for New Bids

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-132 REJECTING ALL BIDS FOR RG PHILLIPS (F-52) PARK PROJECT; and authorize staff to call for new bids. This six-acre park site is located off of Fiddymment Road and Old Coach Drive in the West Roseville Specific Plan. The City Council previously approved the plans and specifications and authorized the call for bids. An ambiguity in the bid documents was discovered after the bid opening. The project manual has been updated to remove the ambiguity and to ensure a fair opportunity to all bidders. The estimate for construction for the base bid is \$1,264,317.00. Funding for the project was approved in FY2017-18 using funds from the West Roseville Neighborhood Park Development Fund. Maintenance for this park is through the West Roseville Community Facilities District for Services. There will be no General Fund impact.

CC #: 9938

File #: 0704-01 & 0203-21

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.2. Maidu Park Bike Trail Reconstruction and Resurfacing Project Phase 1 - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Assistant Engineer Cathy Gosalvez and Acting Public Works Director Jason Shykowski recommending the City Council approve plans and specifications for the Maidu Park Bike Trail Reconstruction and Resurfacing Project Phase 1 and authorize staff to call for bids. The scope of this project consists of patching several sections of asphalt trail and an application of a Type 1 slurry seal treatment over a majority of the existing trail along the perimeter of Maidu Park as well as all of the interior park trails. The estimated cost for the project is \$215,000.00 and the project will be paid for with local transportation funds.

CC #: 9955

File #: 0721-05

CONTACT: Cathy Gosalvez 916-746-1300 cgosalvez@roseville.ca.us

7.3. Maidu Regional Park Dug-Out Expansion Project – Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve the plans and specifications for the Maidu Regional Park Dug-Out Expansion project and authorize staff to call for bids. The City recently accepted a grant from Placer Valley Tourism to upgrade the dugouts to increase the use of the complex and attract tourist-generating events. This project will expand the size of the dugouts and provide a solid roof structure. The project will also incorporate parking stall and ramp upgrades to increase site accessibility. The estimate for construction is \$86,000.00. Funding for the project will be from a Placer Valley Tourism grant which was allocated into the Capital Improvement Project budget for FY2018-19.

CC #: 9919

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.4. Richard and Pauline Roccucci (W-51) Park - Award of Contract

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-123 APPROVING AN AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND ABIDE BUILDERS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This 4.7-acre park site is located on Symphony Avenue at Chorus Avenue in the West Roseville Specific Plan. The project includes a children's play area, shaded picnic area, and adult fitness equipment.

There will be multi-use turf in the middle of the park and a perimeter walkway that will connect to the existing bike trail. Additive alternatives included a basketball half court, two pickleball courts, and a zip line swing. Staff recommends award of the base bid and all additive alternatives for a total award amount of \$1,270,000.00.

Funding for the project was approved in FY2017-18 using funds from the West Roseville Neighborhood Park Development Fund. Maintenance for this park is funded through the West Roseville Community Facilities District for Service. There will be no General Fund impact.

CC #: 9929

File #: 0704-01

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

7.5. Kaseberg Park Gazebo Roofing Project - Award of Contract

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-126 APPROVING AN AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND MCM ROOFING COMPANY, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This project will replace the roof on the Kaseberg Park picnic gazebo, add new gutters and downspouts, new paint, and provide structural repairs. The contract award is for \$57,144.00 and staff is seeking approval of a change order authorization in an amount not to exceed 10% of the contract amount. Funding for the project was allocated in FY2017-18 using funds from the Parks, Recreation & Library Capital Fund. There is no General Fund impact.

CC #: 9932

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.6. Playground Equipment - Increase to Purchase Authority

Memo from Parks Operations Supervisor Patrick Daly and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council approve an increase in the annual purchase order with Playpower LT Farmington, Inc. to

provide replacement playground pieces for parks. The amount of the agreement would increase from \$22,790.00 to \$40,000.00. Funding is included in the FY2018-19 Parks, Recreation & Libraries Department budget. The funding sources are a combination of General Fund, community facility districts, and lighting and landscape districts.

CC #: 9958

File #: 0704

CONTACT: Patrick Daly 916-532-1090 pdaly@roseville.ca.us

7.7. On-Call Landscape Construction Services - Service Agreement

Memo from Park Development Analyst Joel De Jong and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-130 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND CAGWIN & DORWARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1909094). Staff recommends the City Council approve an agreement for landscape construction and repair services on an as-needed basis with Cagwin & Dorward. The value of the service agreement is \$350,000.00 for each year of award. The agreement includes a one-year base term with the option of three additional one-year renewals. Funding for on-call landscape construction services shall be provided through the Parks, Recreation, and Library Capital fund, approved operating budgets, and/or community facilities districts/landscape & lighting district budgets.

CC #: 9936

File #: 0203-16

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.8. High-Density Linear Polyethylene Chemical Storage Tanks (RFQ 10-3201) - Purchase Order

Memo from Buyer Babette Owens and Chief Financial Officer Dennis Kauffman recommending the City Council approve a purchase order to Harrington Industrial Plastics, Inc. for the purchase of four high-density linear polyethylene chemical storage tanks. The cost of these storage tanks is \$132,307.74 plus sales tax of \$10,253.85, for a grand total of \$142,561.59. Funding is included in the FY2018-19 Wastewater Operations budget.

CC #: 9924

File #: 0203-03

CONTACT: Babette Owens 916-774-5704 bowens@roseville.ca.us

Removed by Plycorp representative Peter Ruszel - who requested bid not be awarded or be delayed due to bidding issues.

Senior Engineer Todd Jordan spoke to bidding process and components of former bids and current bid award.

Deputy City Attorney Joe Speaker spoke to bid protest procedure and due process provided on competitive bidding.

No public comment received.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to approve the purchase of 4 high density linear polyethylene chemical storage tanks from Harrington Industrial Plastics, Inc. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.9. Vehicle Purchases and Reject all Bids for the Mobile Generator, Trailer Mounted with Welder (RFQ 10-3203)

Memo from Fleet Manager Brian Craighead and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-139 REJECTING ALL BIDS FOR A TRAILER MOUNTED WITH A GENERATOR AND WELDER. Staff recommends the City Council reject all bids received for RFQ 10-3203 for one mobile generator, trailer mounted with welder.

During review of the bids and specifications that were received, staff determined a portion of the bid could be clarified to better describe the final product the City expects to receive when complete. Staff will reissue this bid with updates to the specifications in late April to early May. There is no fiscal impact resulting from this action. Staff also requests the City Council approve a purchase order to Future Ford, Inc. for two Ford F250 utility body trucks utilizing RFQ 10-3204 in the amount of \$86,057.02; and approve a purchase order to Towne Motor Company dba Towne Ford Sales for one Ford F250 truck with truck bed shell utilizing RFQ 10-3208 in the amount of \$38,699.82; and approve a purchase order to Winner Chevrolet, Inc. for one Chevrolet Tahoe Special Services Vehicle utilizing RFQ 10-3211 in the amount of \$62,539.98. Funding for these vehicles is included in the FY2018-19 Auto Replacement budget.

CC #: 9946

File #: 0203-21 & 0203-01

CONTACT: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

7.10. Flooring Services - Service Agreements

Memo from Project Coordinator Lori Hogan and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-124 APPROVING A SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND SIMAS FLOOR CO. DBA SIMAS FLOOR & DESIGN CO., INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1908104); and adopt RESOLUTION NO. 19-125 APPROVING A SERVICE AGREEMENT BETWEEN CITY OF ROSEVILLE AND DFS FLOORING, LP, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1908105). Staff recommends the City Council

approve a service agreement with Simas Floor Co., Inc. and DFS Flooring, LP to provide flooring services. The total annual value of the agreement with each contractor is \$100,000.00, and may not exceed annual budgeted amounts. Funding for these agreements are included in the Facility Rehabilitation FY2018-19 budget and proposed Facility Rehabilitation FY2019-20 budget.

CC #: 9931

File #: 0203-04

CONTACT: Lori Hogan 916-774-5707 lhogan@roseville.ca.us

7.11. Distribution Control System Support for Roseville Electric - Sole Source Service Agreement

Memo from Electric Technology System Supervisor Sage Armstrong and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 19-141 APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND SURVALENT TECHNOLOGY, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (S1904021). This agreement will provide distribution control system support for Roseville Electric Utility. This agreement has a not-to-exceed amount of \$28,940.00. Funding is included in the Electric FY2018-19 budget.

CC #: 9951

File #: 0800-03

CONTACT: Sage Armstrong 916-774-5679 sarmstrong@roseville.ca.us

Resolutions

7.12. Nela Luken Park at the Village Center Project - Notice of Completion

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-122 ACCEPTING THE PUBLIC WORK KNOWN AS THE NELA LUKEN PARK AT THE VILLAGE CENTER PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE PARKS, RECREATION & LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. The Parks, Recreation & Libraries Department has made a final inspection of the Nela Luken Park at the Village Center Project and has found that all contract work has been completed in accordance with the improvement plans and specifications. The project is now ready for acceptance. The project scope of work included a center plaza area, children's play area, water play element, restroom building, pedestrian paths that meander throughout the park, landscaping and irrigation. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. The project was funded with monies from the West Roseville City-wide Park fund, West Roseville Neighborhood Park Development fund, and the Community Benefit Fee and Public Benefit Fee paid by parcels W-28 and W-29. Funding for maintenance will be through the Westpark Community Facilities District for Services. There is no impact to the General Fund.

CC #: 9928

File #: 0704-01

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

7.13. Johnson Pool Accessibility Improvements - Notice of Completion

Memo from Park Development Analyst Rjahja Canlas and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt RESOLUTION NO. 19-121 ACCEPTING THE PUBLIC WORK KNOWN AS THE JOHNSON POOL ACCESSIBILITY IMPROVEMENTS PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE PARKS, RECREATION & LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. The Parks, Recreation & Libraries Department has made a final inspection of the Johnson Pool Accessibility Improvements project and has found that all contract work has been completed in accordance with the improvement plans and specifications. The project is now ready for acceptance. The project scope of work included the construction of an off-street accessible parking stall, removal and replacement of the access ramp, stairs, outdoor shower, drinking fountain, breakroom sink, sidewalk, curb, and gutter. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. The project was funded with grant monies from the Department of Housing and Urban Development's Community Development Block Grant. Ongoing maintenance costs are funded through the Parks, Recreation & Libraries operating budget. There will be no additional maintenance costs as a result of this project.

CC #: 9953

File #: 0707

CONTACT: Rjahja Canlas 916-774-5342 rcanlas@roseville.ca.us

7.14. Withdrawal from RiverArc - Second Amended Memorandum of Agreement for Project Planning

Memo from Acting Water Utility Manager Sean Bigley and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-138 APPROVING A SECOND AMENDMENT TO THE MEMORANDUM OF AGREEMENT FOR PLANNING OF THE RIVERARC PROJECT, BETWEEN THE CITY OF ROSEVILLE, THE CITY OF SACRAMENTO, THE SACRAMENTO COUNTY WATER AGENCY, CALIFORNIA AMERICAN WATER, THE RIO LINDA/ELVERTA COMMUNITY WATER DISTRICT, AND PLACER COUNTY WATER AGENCY AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests approval for the City Manager to sign the second amendment to the Memorandum of Agreement with the Placer County Water Agency and the remaining RiverArc project partners to reflect Roseville's withdrawal from the project. Upon execution of the amendment the City will avoid paying another \$100,000.00 in annual project contribution and \$24,277.64 of unused project funds paid by the City will be returned to the City's Water Operations Fund.

CC #: 9945

File #: 0800-02

CONTACT: Sean Bigley 916-774-5513 sbigley@roseville.ca.us

7.15.Sites Reservoir Project - Resolution of Support

Memo from Acting Water Utility Manager Sean Bigley and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-143 SUPPORTING PHASE 2 PARTICIPATION IN THE SITES RESERVOIR PROJECT ON BEHALF OF THE CITY OF ROSEVILLE. This item recommends approval of a resolution stating the City Council's support to participate in Phase 2 of the Sites Reservoir Project based on its projected benefits to Folsom Reservoir. The City's share of the Phase 2 costs for development of the Sites Reservoir Project is \$150,000.00. This expense has been budgeted in the Environmental Utilities FY2018-19 budget and funded by utility rate revenue in the Water Operations fund.

CC #: 9922

File #: 0800-02

CONTACT: Sean Bigley 916-774-5510 sbigley@roseville.ca.us

Item removed by Placer County Sierra Club President Michael Garabedian regarding opposition to City Council adoption of resolution supporting Sites Reservoir.

Environmental Utilities Director Richard Plecker responded.

No public comment received.

Motion by Pauline Roccucci, seconded by , to adopt RESOLUTION NO. 19-143 SUPPORTING PHASE 2 PARTICIPATION IN THE SITES RESERVOIR OF BEHALF OF THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.16.Sacramento Regional Water Bank, Phase 1 - Regional Water Authority Project Agreement

Memo from Acting Water Utility Manager Sean Bigley and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-145 APPROVING PARTICIPATION IN THE DEVELOPMENT OF THE SACRAMENTO REGIONAL GROUNDWATER BANK, AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE REGIONAL WATER AUTHORITY PROJECT AGREEMENT, SACRAMENTO REGIONAL WATER BANK, PHASE 1 ON BEHALF OF THE CITY OF ROSEVILLE. This item allows the City to participate in the development of the Sacramento Regional Groundwater Bank. The costs for the City to participate are not to exceed \$36,000.00 and these costs are budgeted in FY2018-19 through the Water Operations fund which is funded through water utility rate revenue.

CC #: 9957

File #: 0800-02

CONTACT: Sean Bigley 916-774-5513 sbigley@roseville.ca.us

7.17. Miner's Ravine and Antelope Creek Flood Control Facilities - Memorandum of Understanding and Maintenance Agreement

Memo from Senior Engineer Stefanie Kemen and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-128 APPROVING A MEMORANDUM OF UNDERSTANDING, BY AND AMONG THE PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, THE CITY OF ROCKLIN, THE CITY OF ROSEVILLE, THE TOWN OF LOOMIS, AND THE COUNTY OF PLACER, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-129 APPROVING A MAINTENANCE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND THE PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Funding for the City's annual contributions to the Placer County Flood Control and Water Conservation District, including operation and maintenance costs for regional flood control facilities, is provided by the General Fund through the funding of the annual Floodplain Management Capital Improvement Project (CIP). The City's fair-share is 34.1 percent of the district's estimated annual operations and maintenance cost. Based on the City's 34.1 percent share, the contribution for FY2019-20 will be \$10,230.00. Funding for the Memorandum of Understanding will be included in the Floodplain Management CIP FY2019-20 budget, and future years' proposed budgets.

CC #: 9934

File #: 0309-01

CONTACT: Stefanie A. Kemen 916-746-1300 skemen@roseville.ca.us

7.18. Landfill Water Quality and Gas Monitoring Services - Professional Services Agreement

Refuse and Stormwater Manager Devin Whittington and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 19-146 APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND JACOBS ENGINEERING GROUP, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council approve a professional services agreement with Jacobs Engineering Group for 2019 Water Quality and Landfill Gas Monitoring Reporting and other regulatory required technical assistance. The professional service agreement requires multiple ground and surface water samplings and landfill gas emissions monitoring to ensure the levels of emissions do not pose a public health hazard. These services are needed to remain in compliance with State and Federal requirements for closed landfills. The cost of \$234,958.00 is budgeted in FY2018-19 in the Solid Waste Operations Fund.

CC #: 9933

File #: 0800-02

CONTACT: Devin Whittington 916-774-5783 dwhittington@roseville.ca.us

7.19. Grant Authorizations for Commuter Bus Electrification Infrastructure and Commuter Bus Stop Improvements

Memo from Financial Analyst Elizabeth Haydu and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-142 AUTHORIZING CITY MANAGER OR HIS DESIGNEE TO SUBMIT LOW CARBON TRANSIT OPERATIONS PROGRAM GRANT APPLICATIONS AND TO EXECUTE THE RELATED GRANT APPLICATIONS, FORMS AND AGREEMENTS. The City is eligible to receive FY2018-19 Low Carbon Transit Operations Program grant funds for the Commuter Bus Electrification Infrastructure project, and the Taylor & I-80 Commuter Bus Stop Improvement project in the amount of \$365,512.00 which will partially offset the cost of the projects. General Fund resources will not be used for these projects.

CC #: 9952

File #: 0214 & 0721

CONTACT: Elizabeth Haydu 916-746-1302 ehaydu@roseville.ca.us

Item removed by Councilmember Scott Alvord for presentation.

Acting Public Works Director Jason Shykowski made the presentation to Council.

No public comment received.

Motion by Scott Alvord, seconded by Pauline Roccucci, to adopt RESOLUTION NO. 19-142 AUTHORIZING CITY MANAGER OR HIS DESIGNEE TO SUBMIT LOW CARBON TRANSIT OPERATIONS PROGRAM GRANT APPLICATIONS AND TO EXECUTE THE RELATED GRANT APPLICATIONS, FORMS AND AGREEMENTS. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

7.20. West Roseville Specific Plan Village Center Transit Bus Shelter Construction Fee Agreement for Bus Shelter #233

Memo from Administrative Technician Anita Giordano and Acting Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 19-136 APPROVING A TRANSIT BUS SHELTER CONSTRUCTION FEE AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND VC ROSEVILLE, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Approval of this Bus Shelter Construction Fee Agreement in the amount of \$10,000.00 provides security for bus shelter #233 to be installed in the future with no fiscal impact on the City's General Fund or Transportation Development Act funds.

CC #: 9942

File #: 0721

CONTACT: Anita Giordano 916-774-5385 agiordano@roseville.ca.us

7.21. Right of Entry and Mitigation Property Usage Rights Purchase Option Agreement - National Fish and Wildlife Foundation

Memo from Environmental Coordinator Terri Shirhall and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-133 APPROVING A NATIONAL FISH AND WILDLIFE FOUNDATION RIGHT OF ENTRY AND MITIGATION PROPERTY USAGE RIGHTS PURCHASE OPTION AGREEMENT, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council authorize execution of a Right of Entry and Mitigation Property Usage Rights Purchase Option Agreement with the National Fish and Wildlife Foundation. The actions requested have no negative fiscal impact to the City's General Fund.

CC #: 9939

File #: 0704-02

CONTACT: Terri Shirhall 916-774-5536 tshirhall@roseville.ca.us

7.22. Creekview Specific Plan Phase 1 Backbone Improvements - Reimbursement Agreement

Memo from City Engineer Marc Stout and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 19-131 APPROVING A CITY/DEVELOPER REIMBURSEMENT AGREEMENT, BY AND BETWEEN PHILLIPS ROAD 160 INVESTORS, PHILLIP ROAD LAND, LLC, J & KD ENTERPRISES, LLC, SOULE INVESTMENTS, LLC, BENNETT WEST ROSEVILLE, LLC, DECOU WEST ROSEVILLE, LLC, BLUEOAKS II-ROSEVILLE, LP, ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This agreement with multiple owners of the Creekview Specific Plan is for construction of public improvements, as identified in the City's Capital Improvement Program, Blue Oaks Blvd Fee Program, Westpark Drive Fee Program and Pleasant Grove Drainage Basin Fee Program. The actions requested as part of this item will have no impact to the City's General Fund.

CC #: 9937

File #: 1008 & 0400-04-13

CONTACT: Marc Stout 916-774-5482 mstout@roseville.ca.us

7.23. 2019/2020 Landscaping and Lighting Districts Assessments - Intent to Levy

Memo from Financial Analyst Teri Quinlan and Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 19-147 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA,

INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE HISTORIC DISTRICT LANDSCAPING AND LIGHTING DISTRICT, FOR FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-148 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE HISTORIC DISTRICT LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-149 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE HISTORIC DISTRICT LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-150 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE INFILL AREA LANDSCAPING AND LIGHTING DISTRICT, FOR FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-151 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE INFILL AREA LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-152 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE INFILL AREA LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-153 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ENGINEER'S LEVY OF ASSESSMENTS FOR THE JOHNSON RANCH LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION 19-154 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE JOHNSON RANCH LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-155 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ANNUAL LEVY REPORT FOR THE JOHNSON RANCH LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-156 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ENGINEER'S LEVY OF ASSESSMENTS FOR THE NORTH CENTRAL ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-157 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE NORTH CENTRAL ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-158 OF THE CITY COUNCIL OF THE CITY OF

ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE NORTH CENTRAL ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-159 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE NORTHWEST ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-160 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE NORTHWEST ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-161 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S LEVY REPORT FOR THE NORTHWEST ROSEVILLE SPECIFIC PLAN LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-162 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE OLYMPUS POINTE LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-163 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE OLYMPUS POINTE LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-164 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE OLYMPUS POINTE LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-165 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE RIVERSIDE AVENUE LANDSCAPING AND LIGHTING DISTRICT, FOR FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-166 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE RIVERSIDE AVENUE LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-167 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE RIVERSIDE AVENUE LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-168 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, INITIATING PROCEEDINGS FOR THE ANNUAL LEVY OF ASSESSMENTS FOR THE VERNON STREET LANDSCAPING AND LIGHTING DISTRICT, FOR FISCAL YEAR 2019/2020, PURSUANT TO THE PROVISIONS OF PART 2 OF DIVISION 15 OF THE

CALIFORNIA STREETS AND HIGHWAYS CODE; and adopt RESOLUTION NO. 19-169 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, DECLARING ITS INTENTION TO LEVY ANNUAL ASSESSMENTS FOR THE VERNON STREET LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020; and adopt RESOLUTION NO. 19-170 OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, FOR PRELIMINARY APPROVAL OF THE ENGINEER'S ANNUAL LEVY REPORT FOR THE VERNON STREET LANDSCAPING AND LIGHTING DISTRICT, FISCAL YEAR 2019/2020. The City currently has eight active Landscape and Lighting Districts (LLDs). These districts were formed within the City to levy and collect assessments for maintenance of public improvements. All charges are needed to fully fund landscape services in each LLD.

CC #: 9962

File #: 0206-08-01

CONTACT: Teri Quinlan 916-774-5479 tquinlan@roseville.ca.us

Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

7.24.2019 Weed Abatement

Memo from Fire Chief Rick Bartee and Fire Division Chief Jason Rizzi recommending the City Council adopt RESOLUTION NO. 19-118 OF THE COUNCIL OF THE CITY OF ROSEVILLE DECLARING ALL WEEDS, DIRT, RUBBISH OR RANK GROWTHS WITHIN THE CITY OF ROSEVILLE TO BE A PUBLIC NUISANCE; ORDERING THE FIRE CHIEF TO GIVE NOTICE OF THE PASSAGE OF THIS RESOLUTION; AND SETTING A TIME AND PLACE FOR HEARING ANY OBJECTIONS TO THE PROPOSED DESTRUCTION OR REMOVAL OF SUCH WEEDS, DIRT, RUBBISH, OR RANK GROWTHS. To initiate the 2019 Weed Abatement Program, staff recommends approval of a resolution declaring weeds, rubbish, dirt, and/or rank growth within the City to be a public nuisance, as well as ordering the Fire Chief to give notice of the passage and setting a time and place for the required public hearing. The public hearing will be scheduled for the City Council meeting on Wednesday, May 15, 2019.

CC #: 9913

File #: 0320-01

CONTACT: Jason Rizzi 916-774-5802 jrizzi@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

7.25.Dry Creek Wastewater Treatment Plant Cogeneration and Nitrate Reduction Improvements Projects - Professional Design Services Agreements Amendments and Budget Adjustment

Memo from Senior Engineer Colleen Boak and Environmental Utilities Director Richard Plecker recommending the City Council adopt ORDINANCE NO. 6075 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN

APPROPRIATION MEASURE; and adopt RESOLUTION NO. 19-119 APPROVING A SECOND AMENDMENT TO PROFESSIONAL DESIGN SERVICES AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND BROWN AND CALDWELL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 19-120 APPROVING A SECOND AMENDMENT TO PROFESSIONAL DESIGN SERVICES AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND BROWN AND CALDWELL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff recommends the City Council approve a budget adjustment in the amount of \$425,116.00 to transfer \$200,102.00 Wastewater Rehabilitation funds to the Dry Creek Wastewater Treatment Plant Cogeneration and Nitrate Reduction Improvements project and \$225,014.00 for the Nitrate Reductions Improvements project. If the budget adjustment is approved, this item also requests the City Council approve second amendments to the Professional Design Services Agreements with Brown and Caldwell to support completion of construction of these two projects. The City's share of these regional projects are fully funded with Wastewater Rehabilitation funds.

CC #: 9918

File #: 0900-02-02-1 & 0201-01

CONTACT: Colleen Boak 916-774-5535 cboak@roseville.ca.us

7.26. Water Transmission Mains Evaluation Project - Professional Services Agreement and Budget Adjustment

Memo from Assistant Engineer Jonathan Cummings and Environmental Utilities Director Richard Plecker recommending the City Council adopt ORDINANCE NO. 6081 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE; and adopt RESOLUTION NO. 19-137 APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND PETERSON BRUSTAD, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests City Council approval of a budget adjustment to transfer \$283,542.00 from Water Rehabilitation funds to the Water Transmission Mains Evaluation project budget and approval of a professional services agreement to Peterson Brustad, Inc. in the amount of \$233,542.00 for the project. The budget adjustment includes \$50,000.00 for City staff time on the project. Funding for the project is from the Water Rehabilitation Fund.

CC #: 9945

File #: 0800-02

CONTACT: Jonathan Cummings 916-774-5566 jcummings@roseville.ca.us

7.27. Library Grant Funds - Budget Adjustment

Memo from Administrative Analyst Rendi Hodge and Parks, Recreation & Libraries Director Dion Louthan recommending the City Council adopt ORDINANCE NO.

6077 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. This budget adjustment request in the amount of \$23,340.00 is for grant funds received from California Library Literacy Services for the ongoing Adult Literacy Program offered at the library. This request is fully funded with offsetting grant revenue, so there is a net zero impact to the General Fund.

CC #: 9954

File #: 0201-01 & 0716

CONTACT: Rendi Hodge 916-774-5240 rhodge@roseville.ca.us

7.28. Fire Department Strike Team - Budget Adjustment

Memo from Fire Chief Rick Bartee and Administrative Analyst Katrina Rostam recommending the City Council adopt ORDINANCE NO. 6076 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff recommends City Council approval of a budget adjustment to reimburse \$936,693.00 in overtime expense, \$4,849.00 in other reimbursable items/logistics, a \$75,453.00 contribution to available General Fund resources, and an associated \$1,016,995.00 in revenue related to the department participation in reimbursable strike teams.

CC #: 9923

File #: 0201-01 & 0324

CONTACT: Katrina Rostam 916-774-5848 krostam@roseville.ca.us

7.29. SUCCESSOR AGENCY & CITY COUNCIL - Oak Street Parking Garage Project - Budget Adjustment

Memo from Senior Civil Engineer Stefanie Kemen and Acting Public Works Director Jason Shykowski recommending the City Council adopt SUCCESSOR AGENCY OF THE REDEVELOPMENT AGENCY OF THE CITY OF ROSEVILLE RESOLUTION NO. 19-144 AUTHORIZING TRANSFER OF FUNDS; and adopt ORDINANCE NO. 6078 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff recommends a budget adjustment transferring funds from the Public Facilities Fund and Successor Agency as well as design consultant reimbursement to the Oak Street Parking Garage Project. Total amount of the budget adjustment is \$424,000.00.

CC #: 9935

File #: 0201-01 & 0401-02-02-1

CONTACT: Stefanie Kemen 916-746-1300 skemen@roseville.ca.us

Ordinances (for second reading and adoption)

7.30. North Central Roseville Specific Plan Creekside Retail - Rezone

ORDINANCE NO. 6080 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE, for second reading and adoption.

CC #: 9956

File #: 0400-04-04-2 & 0400-02

CONTACT: Charity Gold 916-774-5267 cgold@roseville.ca.us

Reports / Requests

7.31. Amoruso Ranch Phase 1 Large Lot Subdivision Final Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Amoruso Ranch Phase 1 Large Lot Subdivision final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 1 large lot for future development. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9914

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

7.32. Sierra Vista - CGB Large Lot Subdivision Final Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Sierra Vista - CGB Large Lot Subdivision final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 5 large lots for future development and 4 public open space lots. The actions requested have no fiscal impact to the City's General Fund.

CC #: 9941

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

7.33. Out of State Travel Request - Environmental Utilities Department

Memo from Senior Engineer Todd Jordan and Environmental Utilities Director Richard Plecker recommending the City Council approve out of state travel for four Environmental Utilities staff members (two from Wastewater Collections and two from the Environmental Treatment Laboratory) to attend in May 2019 the National Pretreatment and Pollution Prevention Workshop and training in Tacoma, WA. The estimated travel costs are \$9,200.00. Funding is included in the Wastewater Fund through the approved annual operating budgets of Wastewater Collections and

Environmental Treatment Laboratory budgets.

CC #: 9920

File #: 0600-02

CONTACT: Todd Jordan 916-746-1829 tjordan@roseville.ca.us

7.34. Out of State Travel Request – Environmental Utilities Department

Memo from Senior Engineer Todd Jordan and Environmental Utilities Director Richard Plecker recommending the City Council approve out of state travel for four Environmental Utilities staff members to attend meetings in May of 2019 at the SWIFT Research Center in Virginia Beach, VA and the Blue Plains Advanced Wastewater Treatment Facility in Washington, D.C. Travel costs are estimated to be \$8,000.00. Funding is included in the Wastewater Fund through the approved annual Wastewater Administration budget.

CC #: 9921

File #: 0600-02

CONTACT: Todd Jordan 916-746-1829 tjordan@roseville.ca.us

Ceremonial Documents

7.35. Proclamation - Building Safety Month

Proclaim May 2019 as Building Safety Month and encourage citizens to join their community members in participation of Building Safety Month activities.

CC #: 9961

File #: 0102-06

CONTACT: Lupe Nelson 916-774-5281 lnelson@roseville.ca.us

7.36. Resolution of Commendation to Cheryl Hammond

Recommend Cheryl Hammond be commended for 12 years of outstanding service and dedication to the City of Roseville and extend wishes for a long, healthy, and enjoyable retirement.

CC #: 9964

File #: 0102-10

CONTACT: Emily Donohoe 916-774-5675 edonohoe@roseville.ca.us

END OF CONSENT CALENDAR

8. RESOLUTIONS

8.1. SUCCESSOR AGENCY - Washington Boulevard Underpass Camera & Installation - Budget Adjustment

Memo from Administrative Analyst Melissa Hagan and Economic Development Director Laura Matteoli recommending the City Council adopt SUCCESSOR

AGENCY OF THE REDEVELOPMENT AGENCY OF THE CITY OF ROSEVILLE RESOLUTION NO. 19-135 AUTHORIZING TRANSFER OF FUNDS. This item is requested to approve a budget adjustment in the amount of \$16,750.00 for the purchase and installation of a camera in the Washington Boulevard Underpass using unspent Successor Agency bond funds as part of a \$25,650.00 overall project budget. This budget adjustment has no impact on the General Fund.

CC #: 1942

File #: 0201-01

CONTACT: Melissa Hagan 916-774-5476 mhagan@roseville.ca.us

Housing Manager Danielle Foster made the presentation to Council.

Murial Moore - requested camera protection clarification.

April Marskell - spoke of possibility of incorporation of drivers license camera in same location.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to adopt SUCCESSOR AGENCY OF THE REDEVELOPMENT AGENCY OF THE CITY OF ROSEVILLE RESOLUTION NO. 19-135 AUTHORIZING TRANSFER OF FUNDS for installation of a 360-degree traffic camera to support both traffic circulation and police surveillance of the Washington Underpass and stairwell area. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

9. ORDINANCES

9.1. City Council Appointed Positions - Salary Schedule Ordinance and First Amendment to Employment and Personal Services Agreement

Memo from Human Resources Director Stacey Peterson recommending the City Council adopt ORDINANCE NO. 6079 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6005, THE SALARY ORDINANCE FOR CITY COUNCIL APPOINTED POSITIONS, AS AMENDED BY APPENDIX "K" TO BE EFFECTIVE FEBRUARY 21, 2019 AS AN URGENCY MEASURE; and adopt RESOLUTION NO. 19-134 APPROVING A FIRST AMENDMENT TO EMPLOYMENT AND PERSONAL SERVICES AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND DOMINICK CASEY. Staff recommends that the City Council approve the City Council Appointed Positions salary schedule reflecting a salary increase for the City Attorney of \$12,089.00 to bring the salary to market median, effective February 21, 2019, and approve the First Amendment to Employment and Personal Services Agreement between the City of Roseville and Dominick Casey to reflect a one-time professional development incentive to the City Manager in the amount of \$10,000.00. Both amounts are available and have been budgeted in the FY2018-19 City Attorney and City Manager budgets.

CC #: 9940

File #: 0600-01

CONTACT: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Human Resources Director Stacey Peterson made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Krista Bernasconi, to adopt ORDINANCE NO. 6079 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6005, THE SALARY ORDINANCE FOR THE CITY COUNCIL APPOINTED POSITIONS AS AMENDED BY APPENDIX "K" TO BE EFFECTIVE FEBRUARY 21, 2019 AS AN URGENCY MEASURE; and adopt RESOLUTION NO. 19-134 APPROVING A FIRST AMENDMENT TO EMPLOYMENT AND PERSONAL SERVICES AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND DOMINICK CASEY. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

10. SPECIAL REQUESTS/REPORTS/PRESENTATION

10.1. Governor's Proposed 2019 Budget - Production and Housing

Memo from Government Relations Administrator Mark Wolinski and Public Affairs & Communications Director Megan McPherson with a presentation on Governor Newsom's Proposed 2019 State Budget.

CC #: 9965

File #: 0800-07

CONTACT: Mark Wolinski 916-774-5179 mwolinski@roseville.ca.us

Government Relations Administer Mark Wolinski made the presentation to Council.

Housing Manager Danielle Foster continued the presentation to Council.

No public comment received.

For information only; no action required

10.2. Roadway System Capital Improvements Project Sensitivity Analysis Update

Memo from City Engineer Marc Stout and Development Services Director Mike Isom with a presentation of the results of the expanded ten-year sensitivity analysis and an updated recommendation for prioritization of Capital Improvement Program (CIP) projects. The proposed CIP projects are funded through the City's traffic

mitigation impact fee program. There is no impact to the General Fund.

CC #: 9959

File #: 0801

CONTACT: Marc Stout 916-774-5482 mstout@roseville.ca.us or
Mark Johnson 916-774-5481 mjohnson@roseville.ca.us

Development Services Director Mike Isom made the presentation to Council.

Senior Engineer Mark Johnson continued the presentation to Council.

Stephen DeJardins - spoke in support.

Reed Lewis representing Armstrong Development - spoke in support.

Motion by Bruce Houdesheldt, seconded by Pauline Roccucci, to approve prioritizing construction of the Roseville Parkway Extension project over the Blue Oaks Bridge Widening project; to adopt the Roadway System Capital Improvement Project (CIP) Sensitivity 5-Year and 10-Year Analyses and the Updated CIP Project Priority List; and direct staff to prioritize and budget for the construction of CIP improvements as recommended. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

10.3. Capital Improvement Projects Preview for Fiscal Year 2020

Memo from Acting Public Works Director Jason Shykowski providing an overview of the major capital improvement projects (CIP's) planned for the coming fiscal year. This presentation will include a preview of major CIP's for all City departments. There is no fiscal impact from this presentation.

CC#: 9916

File #: 0801

CONTACT: Jason Shykowski 916-774-5331 jshykowski@roseville.ca.us

Acting Public Works Director Jason Shykowski made the presentation to Council.

No public comment received.

For information only; no action required.

10.4. City Council Meeting - Proposed Time Change to 6:00 p.m.

Memo from City Clerk Sonia Orozco recommending the City Council discuss and act on a proposed recommendation to change the regular City Council meeting time from 7:00 p.m. to 6:00 p.m. on the first and third Wednesday of every month.

CC #: 9917

File #: 0102

CONTACT: Sonia Orozco 916-774-5269 sorozco@roseville.ca.us

City Clerk Sonia Orozco made the presentation to Council.

No public comment received.

Motion by Krista Bernasconi, seconded by Pauline Roccucci, to approve changing the regular City Council meeting time from 7:00 p.m. to 6:00 p.m. on the first and third Wednesday of every month. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

11. APPOINTMENTS

11.1.Appointment to Design Committee

Memo from Deputy City Clerk Ryan Carroll and City Clerk Sonia Orozco recommending the City Council appoint (1 one member to the Design Committee with a term ending June 30, 2019, from the following (2 two individuals who submitted an application for consideration: Donna Chabrier and Jared Poulsen.

CC #: 9915

File #: 0103 & 0103-08-03

CONTACT: Ryan Carroll 916-774-5265 rcarroll@roseville.ca.us

City Clerk Sonia Orozco made the presentation to Council.

No public comment received.

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to appoint Jared Poulsen to the Design Committee with a term ending June 30, 2019. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

12. PUBLIC HEARING

12.1.Community Development Block Grant 2019 Annual Action Plan and Funding Recommendations

Memo from Housing Manager Danielle Foster and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 19-140 ADOPTING THE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM 2019 ANNUAL ACTION PLAN AND THE 2019 FUNDING RECOMMENDATIONS; AUTHORIZING THE CITY MANAGER TO

EXECUTE THE 2019 APPLICATION FOR FEDERAL ASSISTANCE AND CERTIFICATIONS AND AUTHORIZING THE CITY MANAGER TO EXECUTE OPERATING AGREEMENTS ON BEHALF OF THE CITY OF ROSEVILLE. This item is the draft Annual Action Plan and funding recommendations for the City's federal Community Development Block Grant funding allocation. This item does not impact the General Fund.

CC #: 9950

File #: 0113-02

CONTACT: Danielle Foster 916-774-5446 dfoster@roseville.ca.us

Mayor John Allard opened the Public Hearing.

Housing Manager Danielle Foster made the presentation to Council.

AMIH Director of Operations Jennifer Price - spoke in support

Stand Up Placer CEO Jenny Davidson - spoke in support

St. Vincent de Paul representative Dr. Tom Sancko - spoke in support

Mayor John Allard closed the Public Hearing.

Motion by Pauline Roccucci, seconded by Scott Alvord, to adopt RESOLUTION NO. 19-140 ADOPTING THE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM 2019 ANNUAL ACTION PLAN AND THE 2019 FUNDING RECOMMENDATIONS; AUTHORIZING THE CITY MANAGER TO EXECUTE THE 2019 APPLICATION FOR FEDERAL ASSISTANCE AND CERTIFICATIONS AND AUTHORIZING THE CITY MANAGER TO EXECUTE OPERATING AGREEMENTS ON BEHALF OF THE CITY OF ROSEVILLE. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci

13. COUNCIL / STAFF / REPORTS/ COMMENTS

Placer County Air Pollution Control District Grant Program - Councilmember Scott Alvord spoke on Carl Moyer Memorial Air Quality Standards attainment opportunities.

Happy Easter and Spring Break - Councilmember Pauline Roccucci expressed.

Washington D.C. Cap to Cap Trip - Mayor John Allard spoke on schedule of meetings with representatives and success of the worthwhile networking on issue vital to the City of Roseville.

14. ADJOURNMENT

Motion by Pauline Roccucci, seconded by Bruce Houdesheldt, to adjourn the meeting at 9:46 p.m. The Motion Passed.

Roll call vote: Ayes: Allard II, Alvord, Bernasconi, Houdesheldt, Roccucci



COUNCIL COMMUNICATION

CC #: 9970
File #: 0702-01

Title: Diamond Oaks Golf Course Roof Restoration (RFQ 10-3207) - Service Agreement
Contact: Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.2.

RECOMMENDATION TO COUNCIL

Recommend City Council adopt a resolution to authorize a service agreement to Madsen Roofing and Waterproofing, Inc. for the materials and labor to replace and repair the roof at the Diamond Oaks Golf Course. Additionally, adopt a resolution authorizing the City Manager to sign the service agreement. The total cost of the agreement is \$62,163.00. Funding is included in the Diamond Oaks Golf Course Operations FY2018-19 budget.

BACKGROUND

The Diamond Oaks Golf Course roof is in critical need of roof repairs in order to protect its structural and internal integrity. This replacement is scheduled as part of the Facility Division's 10-Year Rehabilitation Plan in order to protect and maintain our City facilities.

A formal bid was issued with the following vendor responses:

<u>Bidder</u>	<u>Lump Sum Total</u>
Madsen Roofing & Waterproofing, Inc.	\$62,163.00
Sacramento, CA	

Kings Roofing Sacramento, CA	\$64,300.00
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MCM Roofing Company, Inc. McClellan, CA	\$70,719.00
--	-------------

RUA & Son Mechanical Rocklin, CA	\$75,240.00
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California Singly Ply, Inc. Rocklin, CA	\$90,750.00
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Brazos Urethane
Madera, CA

\$119,200.00

FISCAL IMPACT

The total cost of the agreement is \$62,163.00. Funding is included in the Diamond Oaks Golf Course Operations FY2018-19 budget. The Golf Operations Fund is currently being subsidized by the General Fund because golf expenses, including debt service, continue to exceed revenue.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

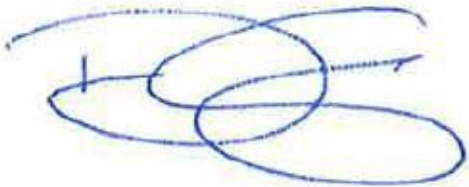
ENVIRONMENTAL REVIEW

The proposed project involves the repair of existing facilities. This activity is categorically exempt from the California Environmental Quality Act (CEQA) as a Class 1 Exemption (State CEQA Guidelines Section 15301). The exemption has been prepared and no further CEQA action is required.

Respectfully Submitted,

Tiffany Valdez, Buyer

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, likely belonging to Dominick Casey.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-173

Service Agreement

RESOLUTION NO. 19-173

APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND
MADSEN ROOFING & WATERPROOFING, INC., AND AUTHORIZING THE CITY
MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a service agreement (S1908239) for the demolition and restoration of the designated roof areas at the Diamond Oaks Golf Course, between the City of Roseville and Madsen Roofing & Waterproofing, Inc., has been reviewed by the Council;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said service agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

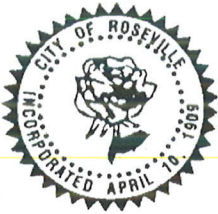
NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



PURCHASING
CITY OF ROSEVILLE

2005 HILLTOP CIRCLE, ROSEVILLE, CA 95747
(916) 774-5720 • TDD (916) 774-5220 • FAX (916) 774-5736

SERVICE AGREEMENT

SERVICE AGREEMENT

No: **S1908239**

SERVICE LOCATION: DIAMOND OAKS
GOLF COURSE
349 DIAMOND OAKS ROAD
ROSEVILLE, CA 95678

REQ. NO.: R1902659 DATE: 3/27/19

SUBMIT ALL INVOICES TO:
CITY OF ROSEVILLE
Finance Department
311 Vernon Street
Roseville, CA 95678

Contractor No.: V39818
Telephone No.: 916-361-3327 Fax:
Email address: CHRISTIAN@MADSENROOF.COM
Contractor: MADSEN ROOFING & WATERPROOFING, INC.
ATTN: CHRISTIAN MADSEN
5960 BRADSHAW ROAD
SACRAMENTO, CA 95829

Department: PUBLIC WORKS

Acct. Code: 91026-5100

Buyer: TIFFANY VALDEZ
Phone: 916-774-5708

Start Date	Terms	Completion Date	Insurance Limits	Contact
EXECUTED AGREEMENT	NET 30	7/31/19	Approved by Risk Mgt.	LORI HOGAN

The contractor shall furnish all labor, equipment and materials necessary to accomplish the following:
PROVIDE THE DEMOLITION AND RESTORATION OF THE DESIGNATED ROOF AREAS AT THE DIAMOND OAKS GOLF COURSE IN ACCORDANCE WITH THE SPECIFICATIONS, ATTACHMENTS, TERMS AND CONDITIONS PER RFQ 10-3207 DIAMOND OAKS GOLF COURSE ROOF RESTORATION (WHICH IS INCORPORATED HEREIN BY REFERENCE).

PLEASE CONTACT LORI HOGAN AT 916-774-5707 FOR QUESTIONS REGARDING THIS AGREEMENT.

Total Cost of Service: \$ **62,163.00**

ATTENTION: Total cost of service not to exceed the agreement amount without prior approval of the Purchasing Office.

The Contractor named hereon by the acceptance of this order agrees to the provisions of this document titled "Service Agreement" and Attachment "A".

Roseville Business License No.: 00829119 Contractor License No.: 519488 DIR Registration No.: 1000000193

☐ SOLE PROPRIETOR

☐ PARTNERSHIP

☒ CORPORATION

CONTRACTOR: Christian Madsen Christian Madsen President
SIGNATURE PRINT NAME TITLE

CONTRACTOR: Rosemary C.B. Reynolds Rosemary C.B. Reynolds Secretary
SIGNATURE PRINT NAME TITLE

By: _____
Dominick Casey, City Manager
CITY OF ROSEVILLE, A MUNICIPAL CORPORATION



COUNCIL COMMUNICATION

CC #: 9967

File #: 0309

Title: 645 Riverside Avenue Demolition (RFQ 10-3205) - Service Agreement

Contact: Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.3.

RECOMMENDATION TO COUNCIL

Recommend City Council adopt a resolution to approve a service agreement to Anthem Builders, Inc. for the materials and labor to complete the demolition, asbestos and lead abatement, and the restoration of disturbed land with hydroseeding at 645 Riverside Avenue, and authorize the City Manager to execute it.

BACKGROUND

Council approved the property acquisition at 645 Riverside Avenue on January 17, 2018, with the intention to remove the furniture store structure on the property that has incurred repeated flood damage from Dry Creek in order to restore the property to its natural state. This property is identified in the City of Roseville Bicycle Master Plan as potentially accommodating a future Class 1 bike trail and trailhead parking area. The property is located along the east side of Riverside Avenue, north of the confluence of Dry Creek and Cirby Creek.

A formal bid was issued with the following vendor responses:

<u>Bidder</u>	<u>Lump Sum Total</u>
Anthem Builders, Inc. Roseville, CA	\$39,700.00
Sierra Excavating Yuba City, CA	\$45,639.60
Central Valley Environmental Fresno, CA	\$53,711.00
Cal Inc Vacaville, CA	\$55,414.00
Demolition Services & Grading, Inc.	\$57,325.00

Manteca, CA

P&P Building Wrecking, Inc. Sacramento, CA	\$62,798.00
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Resource Long Beach, CA	\$79,000.00
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Bayne Construction, Inc. Auburn, CA	\$110,060.86
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JM Environmental, Inc. Roseville, CA	\$118,603.00
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FISCAL IMPACT

The total cost of the agreement is \$39,700.00. The 2017 FEMA grant used to acquire the property will also pay for 75% of the project's demolition cost with the City providing the remaining matching funds. Since the property will likely become part of the City's Dry Creek Greenway Project, the local matching funds will be provided through Transportation Development Act (TDA) funds previously budgeted for that project. Therefore, \$29,775.00 is FEMA funded and \$9,925.00 is TDA funded. No General Fund resources will be used.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

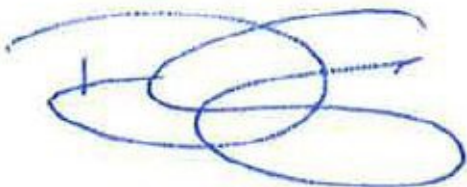
ENVIRONMENTAL REVIEW

The proposed project involves the demolition and removal of an existing facility in an urbanized area, and restoration of a disturbed site to its natural state. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

Respectfully Submitted,

Tiffany Valdez, Buyer II

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal stroke, likely belonging to Dennis Kauffman.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-172

Service Agreement

RESOLUTION NO. 19-172

APPROVING A SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND ANTHEM BUILDERS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a service agreement (S1908238) for the abatement, demolition, restoration and hydroseeding at 645 Riverside Avenue, between the City of Roseville and Anthem Builders, Inc., has been reviewed by the Council;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said service agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

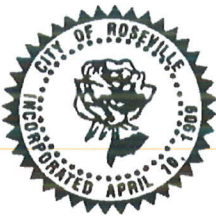
NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



PURCHASING
CITY OF ROSEVILLE

2005 HILLTOP CIRCLE, ROSEVILLE, CA 95747
(916) 774-5720 • TDD (916) 774-5220 • FAX (916) 774-5736

SERVICE AGREEMENT

SERVICE AGREEMENT

No: **S1908238**

SERVICE LOCATION: 645 RIVERSIDE AVENUE
ROSEVILLE, CA 95678

REQ. NO.: R1902635 DATE: 3/25/19

SUBMIT ALL INVOICES TO:

CITY OF ROSEVILLE
Finance Department
311 Vernon Street
Roseville, CA 95678

Contractor No.: V39474
Telephone No.: 916-303-2318 Fax:
Email address: JUSTIN@ANTHEMBUILDERS.COM
Contractor: ANTHEM BUILDERS, INC.
ATTN: JUSTIN BAKER
530 6TH STREET
ROSEVILLE, CA 95678

Department: PUBLIC WORKS

Acct. Code: 90004-6100/099004-38

Buyer: TIFFANY VALDEZ
Phone: 916-774-5708

Start Date	Terms	Completion Date	Insurance Limits	Contact
EXECUTED AGREEMENT	NET 30	9/30/19	Approved by Risk Mgt.	DANIEL LIERLY

The contractor shall furnish all labor, equipment and materials necessary to accomplish the following:
PROVIDE THE ABATEMENT, DEMOLITION, RESTORATION AND HYDROSEEDING AT 645 RIVERSIDE AVENUE, ROSEVILLE, CA 95678 IN ACCORDANCE WITH ALL THE TERMS, CONDITIONS, SPECIFICATIONS AND ATTACHMENTS PER RFQ 10-3205 645 RIVERSIDE AVENUE DEMOLITION (WHICH IS INCORPORATED HEREIN BY REFERENCE).

PLEASE CONTACT DANIEL LIERLY AT 916-746-1736 FOR QUESTIONS REGARDING THIS AGREEMENT.

Total Cost of Service: \$ **39,700.00**

ATTENTION: Total cost of service not to exceed the agreement amount without prior approval of the Purchasing Office.

The Contractor named hereon by the acceptance of this order agrees to the provisions of this document titled "Service Agreement" and Attachment "A".

Roseville Business License No.: 00828583 Contractor License No.: 960538 DIR Registration No.: 1000006697

☐ SOLE PROPRIETOR

☐ PARTNERSHIP

☒ CORPORATION

CONTRACTOR:


SIGNATURE

JUSTIN BAKER
PRINT NAME

CEO
TITLE

CONTRACTOR:

SIGNATURE

PRINT NAME

TITLE

By: _____

Dominick Casey, City Manager
CITY OF ROSEVILLE, A MUNICIPAL CORPORATION



COUNCIL COMMUNICATION

CC #: 9980
File #: 0203-04

Title: Heating, Ventilation, and Air Conditioning Maintenance and Repair – Service Agreement Amendment
Contact: Dan Allen 916-774-5741 dallen@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.4.

RECOMMENDATION TO COUNCIL

Staff recommends that Council adopt a resolution authorizing the City Manager to execute Amendment No. 1 to Service Agreement (S1908043) with ACCO Engineered Systems, Inc.

BACKGROUND

On July 11, 2018 Council authorized a service agreement with ACCO Engineered Systems, Inc. for \$80,000.00. Amendment No. 1 is needed to increase spending authority in anticipation of unscheduled Heating, Ventilation, and Air Conditioning (HVAC) repairs and replacements that will be needed as we approach the start of the cooling season. Facility Services has experienced a higher than normal number of needed HVAC repairs this year, leaving no capacity in the agreement for emergency repairs that will be needed prior to the expiration of the contract in July of 2019. The amendment will increase the total not-to-exceed cost of the service agreement by \$100,000.00, from \$80,000.00 to \$180,000.00. Funding for the increase is already included in the Facility Rehab and Building Maintenance FY2018-19 budget.

FISCAL IMPACT

The first amendment increases the current agreement by \$100,000.00, from \$80,000.00 to \$180,000.00, and will not exceed annual budgeted amounts. Funding for the amendment is already included in the Facility Rehab and Building Maintenance FY2018-19 budget.

ECONOMIC DEVELOPMENT / JOBS CREATED

Federal guidelines suggest that there is one job created for every \$92,000.00 in direct government spending. Based on that figure, this amendment will generate 1 job.

ENVIRONMENTAL REVIEW

The proposed services involve the repair/maintenance of existing facilities. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines §15301).

Respectfully Submitted,

Dan Allen, Facility Manager

Jason Shykowski, Acting Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-181

Service Agreement

RESOLUTION NO. 19-181

APPROVING AMENDMENT NO. 1 TO SERVICE AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND ACCO ENGINEERING SYSTEMS, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, Amendment No. 1 to Service Agreement (S1908043) for Heating, Ventilation, and Air Conditioning (HVAC) maintenance and repair, between the City of Roseville and ACCO Engineering Systems, Inc., has been reviewed by the Council;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said service agreement amendment is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



PURCHASING
CITY OF ROSEVILLE

2005 HILLTOP CIRCLE, ROSEVILLE, CA 95747
(916) 774-5720 • TDD (916) 774-5220 • FAX (916) 774-5736

**SERVICE AGREEMENT
AMENDMENT**

SERVICE AGREEMENT No: S1908043
AMENDMENT No: 1

SERVICE LOCATION: AS DIRECTED

Contractor No.: V41757

SUBMIT ALL INVOICES TO:
CITY OF ROSEVILLE
Finance Department
311 Vernon Street
Roseville, CA 95678

Contractor License No.: 120696
Business License No.: 807163

Telephone No.: 916-520-2100 Fax:

Department: PUBLIC WORKS-BLDG MAINT.

Email address: TJANS@ACCOSERVICE.COM
Contractor: ACCO ENGINEERED SYSTEMS, INC.
ATTN: TRACEY JANS
9290 BEATTY DRIVE
SACRAMENTO, CA 95826

Acct. Code: 00340-5100

Buyer: TIFFANY VALDEZ
Phone: 916-774-5708

Service Agreement Number S1908043 ("Agreement"), which was executed on, 6/7/18, is hereby modified as follows:

Select all provisions that apply:

- ☐ The Contractor name is hereby changed from _____ to _____
- ☐ The term of the Agreement is reduced by _____ (days/months/years) and the expiration date of the Agreement is changed from _____ to _____.
- ☒ The Total Cost of Service payable under this Agreement is modified from \$80,000.00 to \$180,000.00. The purpose of this modification is to provide capacity for unexpected repairs.

All other provisions of the Agreement shall remain unchanged and in full force and effect.

CONTRACTOR:

By: Hugh Palmer

Title: Associate Risk Manager

By: Carlton Seyforth

Title: CARLTON SEYFORTH, Assistant Secretary

CITY OF ROSEVILLE,
A MUNICIPAL CORPORATION:

By: _____
Dominick Casey
City Manager

Distribution: 1- Purchasing, 1 - Contractor, 1 - Originating Dept



CERTIFICATE OF CORPORATE RESOLUTION

I, Robert M. Osier, Secretary of ACCO Engineered Systems, Inc., a California Corporation ("the Corporation") DO CERTIFY that the following is a true and complete copy of a resolution adopted by the Board of Directors of the Corporation on November 7, 2018, and that said resolution has not been rescinded, removed, amended, or modified in any respect and remains in full force and effect as of the date hereof.

CONTRACT, BOND, AND OTHER AGREEMENTS SIGNING AUTHORITY RESOLUTION

RESOLVED, that this Corporation does hereby authorize Milton Goodman, John Hansen, Jeffrey Marrs, John Petersen, Steven Smith, Steven Tuttle, Kenneth Westphal, and Richard Yates in the ordinary course to sign contracts, bonds, and other agreements on behalf of the Corporation. Additionally, these individuals have the authority to authorize in writing, on a case-by-case basis, any of the individuals listed below to execute contracts, bonds, and other agreements in a higher amount than authorized below.

RESOLVED, that this Corporation does hereby authorize Mark Dauw and Ronald Falasca in the ordinary course of business to sign contracts, bonds, and other agreements of \$5,000,000 on behalf of the Corporation.

RESOLVED, that this Corporation does hereby authorize David Anderson, Charles Darway, Robert Felix, Gregg Holbrook, Mark Lanphere, Carlton Seyforth, and Thomas Reynolds in the ordinary course of business to sign contracts, bonds, and other agreements of \$2,000,000 or less on behalf of the Corporation.

RESOLVED, that this Corporation does hereby authorize Kevin FitzGerald, William Henderson, David Osburn, and Robert Osier in the ordinary course of business to sign contracts of \$1,000,000 or less on behalf of the Corporation.

RESOLVED, that this Corporation does hereby authorize Jonathon Bell, Jacob Coble, Bryan Cooper, Scott Ellis, Richard Ferreira, Thomas Montgomery, Curtis Osborne, Hugh Palmer, Michael Potts, Christopher Way, and Richard Wilson in the ordinary course of business to sign contracts of \$500,000 or less on behalf of the Corporation.

RESOLVED, that this Corporation does hereby authorize Rick Adams, Arvin Dalnay, Bryan Felix, Joseph Fitzgerald, Jason George, Todd Ginn, Greg Guizado, Epi Ramirez, and Patrick Rochon in the ordinary course of business to sign contracts of \$250,000 or less on behalf of the Corporation.



RESOLVED, that this Corporation does hereby authorize Matt De Luca in the ordinary course of business to sign contracts of \$250,000 or less related to the purchase or lease of vehicles on behalf of the Corporation.

IN WITNESS THEREOF, the undersigned has set his hand and affixed the seal of this Corporation on this 27th day of November, 2018.


Robert M. Osier, Secretary



COUNCIL COMMUNICATION

CC #: 9986
File #: 0203-07

Title: Protective Relay Test System - Sole Source Purchase Order
Contact: Jason Grace 916-774-5643 jgrace@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.5.

RECOMMENDATION TO COUNCIL

Staff recommends City Council authorize a sole source purchase order to Associated Power Solutions (APS) for the Electric Department's requirement of a protective relay test system. APS is the only supplier of this product for our geographic region. The cost of the protective relay test system is not to exceed \$70,000.00 (including tax and shipping). Funding is available in the FY2018-19 Electric budget.

BACKGROUND

Roseville Electric Utility (REU) owns and operates 17 electric substations that deliver power to customers throughout the City. Each substation is connected together by high-voltage sub-transmission lines and incorporates the use of special circuit protection that is designed to provide detection of abnormal operating conditions such as an electric system fault. REU utilizes high-voltage electric relays as part of the circuit protection scheme designed to safeguard station equipment and transmission lines by shutting down the power flow until a technician can assess the situation. The need to act quickly to protect circuits and equipment as well as the general public often requires the protective relays to respond and trip a breaker within a few thousandths of a second. A maintenance and testing program is used to determine the performance and availability of each protection component.

Testing and analysis of the protection relays are carried out by specialty-trained personnel. One such test, Dynamic Protective Relay Testing, requires two like-testing units, one placed in each adjacent substation, in order to complete. Electric fault current is simulated on the testing devices in order to operate the relay equipment. A recent project to upgrade breaker equipment at both receiving stations (Berry and Fiddymont) have increased potential fault current at both stations, thus requiring a new testing unit with a higher fault-current injection output.

This sole source procurement request is for the purchase of a "Doble/Manta Relay MTS Protective Relay Test System" for the purpose of performing high-voltage electrical testing required for the safe and reliable operation of the City's substation protective relay systems, an integral electric system component in which all City electric customers are connected.

Only Doble/Manta Inc. meets the service criteria for this request as it takes two matching testing equipment units in order to perform Dynamic Protective Relay Testing. REU currently utilizes two models: MTS-5000 (2 units) and one MTS-5100 (1 unit) manufactured by Doble/Manta Inc. A second MTS-5100 is required for REU's two receiving substations due to an increase in fault current conditions at these locations after completing recent equipment upgrades. The MTS-5100 has a higher current output than the MTS-5000, which is needed to perform specific protective relay tests that require two matching MTS-5100 systems.

FISCAL IMPACT

The cost of the protective relay test system is not to exceed \$70,000.00. Funding is included in the FY2018-19 Electric Operations Capital Equipment budget.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

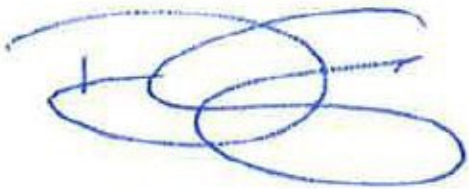
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The protective relay system does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Jason Grace, Electric Operations Manager

Michelle Bertolino, Electric Utility Director

A handwritten signature in blue ink, consisting of several overlapping loops and a final horizontal stroke.

Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 9978
File #: 0203-10

Title: Calsense Irrigation Controllers (RFQ 10-3198) – Purchase Order Tax Adjustment
Contact: Babette Owens 916-774-5704 bowens@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.6.

RECOMMENDATION TO COUNCIL

Staff requests approval to increase the amount on a purchase order by \$919.83 with Imperial Sprinkler Supply, Inc. for the purchase of Calsense irrigation sprinklers to cover the .5% tax increase that became effective on April 1, 2019.

BACKGROUND

In February 2019, an RFQ was awarded to Imperial Sprinkler Supply, Inc. for the purchase of Calsense irrigation controllers. At that time, the City of Roseville tax rate was 7.25% and the controllers were expected to be purchased and delivered by March 2019. However, due to an unforeseen delay, the controllers will be delivered after April 1, 2019 and, therefore, will be charged the 7.75% tax rate.

FISCAL IMPACT

The tax adjustment is \$919.83, increasing the total cost of this purchase from \$197,302.32 to \$198,222.15. Funding is included in the General Equipment Replacement Fund and Park Operations Division's FY2018-19 district budgets. The district budgets include the Stoneridge Community Facilities District (CFD), Highland Reserve North CFD, Historic Lighting & Landscape District (LLD), Vernon Street LLD, and North Central LLD.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

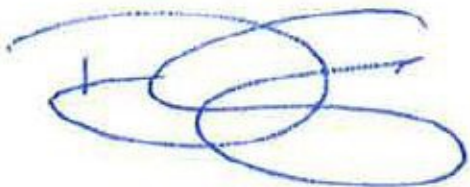
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The purchase of irrigation controllers does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Babette Owens, Buyer

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, positioned above a horizontal line.

Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 9974
File #: 0203-07

Title: Electric Substation Batteries and Battery Chargers - Sole Source Purchase Order Renewal
Contact: Jason Grace 916-774-5643 jgrace@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.7.

RECOMMENDATION TO COUNCIL

Staff recommends City Council authorize the renewal of a sole source purchase order with GNB Industrial Power, a division of Exide Technologies, for substation batteries and battery chargers. The estimated annual cost is \$60,000.00, not to exceed budgeted amount. Funding is available in the FY2018-19 Electric Budget.

BACKGROUND

Roseville Electric Utility (REU) owns and operates 17 electric substations that deliver power to customers throughout the City. Each substation operates 24 hours per day and require an auxiliary backup power source in order to operate system protection and control schemes in the event of a power grid failure. Specialized direct current batteries and battery chargers are used to provide this backup solution should station power become unavailable.

Over the last several years, REU has worked with the goal of standardizing these battery banks and racking systems to use one specific type. Batteries used in power grid protection schemes must be commercially rated and come in a wide variety of sizes and types. Benefits to standardization have led to a uniform racking and storage system, identical charging devices and the ability to interchange individual cells as needed. These battery banks, coupled with battery chargers, are matched for compatibility to assure optimal performance and longevity.

REU is currently performing battery maintenance and testing to meet Federal compliance for North America Electric Corporation (NERC) and Western Electricity Coordinating Council (WECC) requirements. The results of our testing could identify some battery banking systems as no longer meeting acceptable standards, thus requiring replacement.

This sole source request is due to the fact that GNB Industrial Power, a division of Exide Technologies, is the only known supplier for the type of electric substation battery currently used by REU.

Electric Department staff has determined that the most cost effective method of replacing these batteries is with like kind and manufacturer. Each battery bank ranges from \$12,000.00- \$18,000.00 in cost (depending on capacity needed) and can easily be integrated into our current system design without additional structural modifications to battery racks and/or electrical connections. Selection of an alternate vendor or brand of battery would require significant changes to REU's current battery systems and may require longer lead time for replacing batteries in order to complete studies to evaluate compatibility with current protection system design and charger characteristics.

FISCAL IMPACT

The total estimated annual cost is \$60,000.00. Funding is included in FY2018-19 Electric Operations budget.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

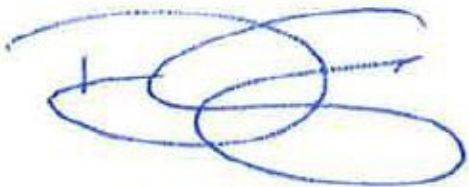
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). The purchase of batteries and battery chargers does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Jason Grace, Electric Operations Manager

Michelle Bertolino, Electric Utility Director

A handwritten signature in blue ink, appearing to read 'Dominick Casey', with a stylized, overlapping loop structure.

Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 9987
File #: 0704-01

Title: Sierra Crossing (W-50A) Park Project - Notice of Completion
Contact: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.8.

RECOMMENDATION TO COUNCIL

Accept the Sierra Crossing (W-50A) Park Project as complete and adopt a resolution authorizing the Assistant City Manager to execute the attached Notice of Completion.

BACKGROUND

The Parks, Recreation & Libraries Department has made a final inspection of the Sierra Crossing (W-50A) Park Project and has found that all contract work has been completed in accordance with the approved plans and specifications. The project is now ready for acceptance.

The project scope of work included installation of a children's play area, swings, misting water play feature, adult fitness equipment, picnic area with shade structure, multi-use turf, paved parking lot, landscaping and irrigation. In accordance with our specifications, the Contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion.

FISCAL IMPACT

Funding for the project was approved in the Capital Improvement Program in FY2016-17 using West Roseville Neighborhood Park Funds. Maintenance for this park is provided through the West Roseville Community Facilities District for Services. There is no General Fund impact.

ECONOMIC DEVELOPMENT / JOBS CREATED

Based on Federal guidelines, there is one job created for every \$92,000.00 in direct government spending. Based on that guideline, this project created 14 new jobs.

ENVIRONMENTAL REVIEW

Development of Sierra Crossing Park (WRSP Park Site W-50A) is identified in the approved WRSP and was previously evaluated at "a project level" in the WRSP Final EIR (Certified

February 2004 – SCH# 2002082057). The Sierra Crossing Park is found to be within the scope of the project covered by the WRSP Final EIR. As discussed in the WRSP Final EIR Introduction Chapter, the EIR provides “project level analysis of the WRSP area.” Because the project is consistent with the WRSP Final EIR and Specific Plan, no new effects would be expected to occur and all applicable mitigation measures from the WRSP Final EIR will be implemented. As such, no additional environmental documentation or Council action is required.

Respectfully Submitted,

Joel De Jong, Park Development Analyst

Dion Louthan, Assistant City Manager / Parks, Recreation & Libraries Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, positioned above a horizontal line.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-184

Notice of Completion

RESOLUTION NO. 19-184

ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA CROSSING (W-50A) PARK PROJECT, APPROVING THE “NOTICE OF COMPLETION”, AND AUTHORIZING THE ASSISTANT CITY MANAGER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE

BE IT RESOLVED by the City Council of the City of Roseville as follows:

1. The “Notice of Completion” on file in the City Clerk’s Department relative to that public work known as Sierra Crossing (W-50A) Park Project, has been approved and the public work accepted.
2. The Assistant City Manager is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this _____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

AFTER RECORDING RETURN TO:
CITY CLERK
311 VERNON STREET
ROSEVILLE, CA 95678

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work known as Sierra Crossing(W-50A)
Park Project Project was completed and accepted by the
City of Roseville on _____. The location is indicated on the attached map,
marked as Exhibit “A” and incorporated herein by this reference.

The general contractor on said project was Sierra Valley Construction, Inc.

The surety on said project was Travelers Casualty and Surety Company of America

Dion Louthan
Assistant City Manager
City of Roseville

ATTEST:

Sonia Orozco, City Clerk

State of California)
County of Placer)

I, Dion Louthan, being first duly sworn, depose and say: I am the Assistant City Manager of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Certificate of Completion and know its contents and the facts stated therein are true.

Dion Louthan
Assistant City Manager
City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Placer)

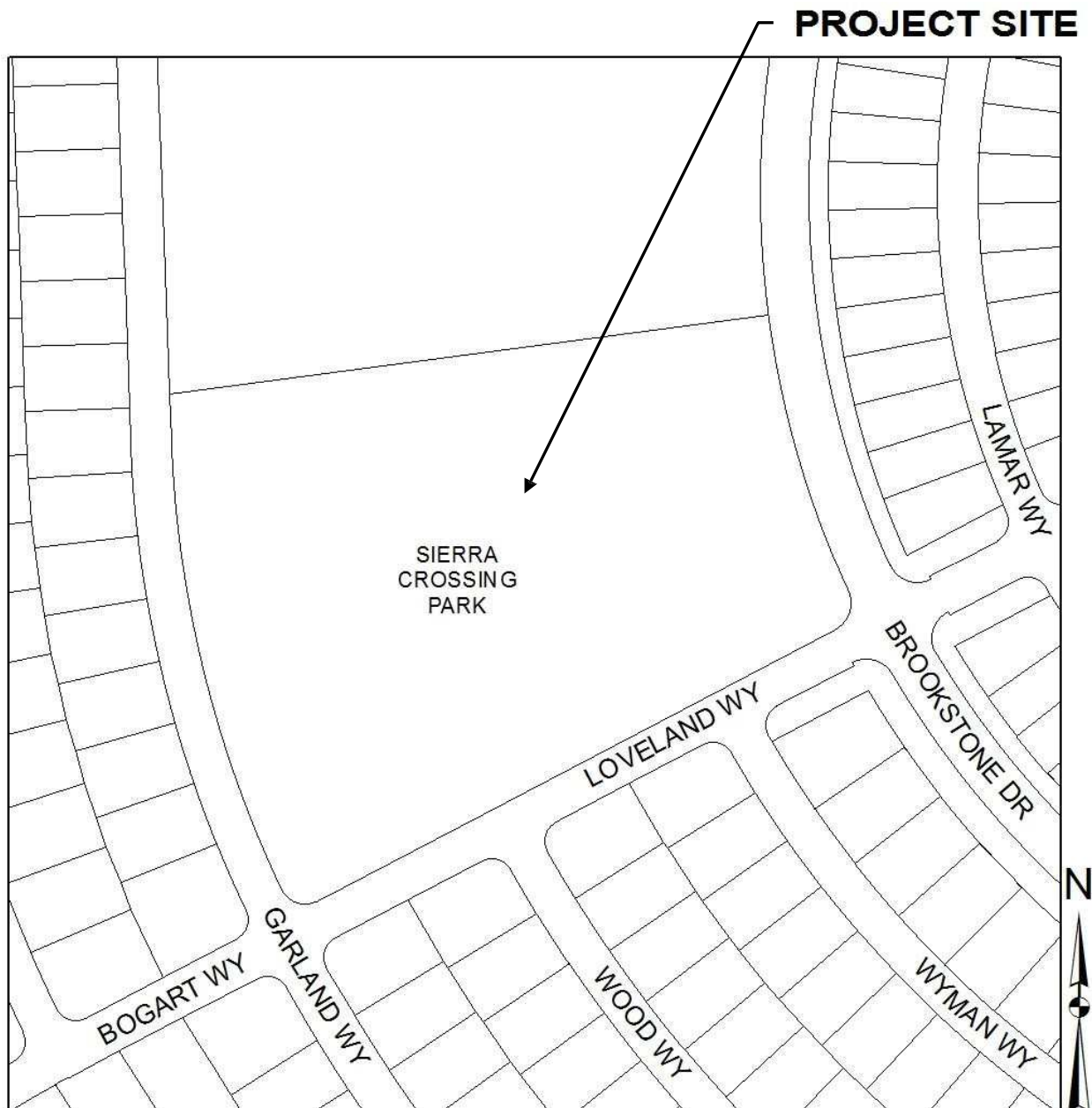
Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20____, by _____ proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Notary Public in and for said County and State

Exhibit A

Sierra Crossing Park

The project scope of work included installation of a children's play area, swings, misting water play feature, adult fitness equipment, picnic area with shade structure, multi-use turf, paved parking lot, landscaping and irrigation.





COUNCIL COMMUNICATION

CC #: 9971
File #: 0109-02

Title: Street Closure Request - Downtown Tuesday Night Events
Contact: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.9.

RECOMMENDATION TO COUNCIL

Recommend Council adopt a resolution approving an Agreement for Special Event and Temporary Street Closure with the Downtown Roseville Merchants (DRM) for the Downtown Tuesday Night event between 3:00 p.m. – 11:00 p.m. every Tuesday night from June 4 – July 30, 2019.

- South Grant Street between Oak Street and Atlantic Street
- Vernon Street between Lincoln Street and Judah Street
- Taylor Street between Oak Street and Vernon Street

BACKGROUND

Downtown Tuesday Nights (DTN) has been one of the primary events held in Downtown Roseville for many years. The event has attracted over 40,000 people annually downtown, by offering a safe, family-oriented evening of food, music and fun. DTN also promotes awareness of the downtown area, as well as the businesses and services, and assists in enhancing the efforts that continue to create a vibrant downtown. New this year, the DTN will be pushed back from a 5:00 p.m. start to 5:30 p.m. with the goal of reducing congestion in the downtown parking garages from people leaving work and people coming to the event. Additionally, the event will be reduced to nine dates from the twelve dates last year.

The Downtown Roseville Merchants (DRM) will be the sole promoter for the event this year. The event will feature live bands and food options designed to bring out family-friendly crowds.

The nonprofit Crime Victim's United will be operating the beer garden concessions and are required to provide the proper liquor liability insurance to sell alcohol at the event.

Business and property owners will continue to be notified of street closures in the downtown Roseville area through the monthly Traffic Alert e-newsletter. Staff has also submitted a Downtown Street Closure Notification letter to designated representatives of the DRM and the Downtown Roseville Partnership for feedback. Street closure information will also be posted on

the City of Roseville website.

FISCAL IMPACT

The City of Roseville and the DRM continue to maintain a successful partnership. In support of DTN, the City is waiving the security deposit. The DRM will be responsible for all remaining fees to cover the cost of City services required to support the event.

ECONOMIC DEVELOPMENT / JOBS CREATED

Exposure could potentially have a positive impact to the business in the downtown area, and supports the Council goal of having a vibrant downtown.

ENVIRONMENTAL REVIEW

The proposed Street Closure Agreement outlines applicant and City responsibilities for proposed temporary street closures required to safely accommodate the event. The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3). Because the request for approval of the Temporary Street Closure Agreement does not include the potential for a significant environmental effect, it is not subject to CEQA and no further action is required.

Respectfully Submitted,

Jeff Nereson, Recreation Superintendent

Dion Louthan, Assistant City Manager



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-174

Street Closure Agreement_Downtown Tuesday Night

RESOLUTION NO. 19-174

APPROVING AN AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND DOWNTOWN ROSEVILLE MERCHANTS ASSOCIATION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Agreement for Special Event and Temporary Street Closure regarding Downtown Tuesday Nights, between the City of Roseville and Downtown Roseville Merchants Association, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

AGREEMENT FOR SPECIAL EVENT AND
TEMPORARY STREET CLOSURE

Event: Downtown Tuesday Nights

THIS AGREEMENT is made and entered into this ____ day of _____, 20__, by and between the City of Roseville, a municipal corporation ("CITY"), and Downtown Roseville Merchants Association, a California non-profit corporation ("PROMOTER"); and

W I T N E S S E T H:

WHEREAS, PROMOTER has requested the closure of certain public streets for Downtown Tuesday Nights ("Event") to be held every Tuesday between June 4, 2019 and July 31, 2019; and

WHEREAS, CITY approves said request subject to the following terms and conditions.

NOW, THEREFORE, the parties agree as follows:

1. PROMOTER shall comply with all applicable provisions of the Roseville Municipal Code.
2. The following streets may be closed to traffic between 3:00 p.m. and 11:00 p.m. on Tuesdays between June 4, 2019 and July 31, 2019:
 - a. Vernon Street, between Lincoln and Judah Streets; and
 - b. S. Grant Street, between Oak and Atlantic Streets; and
 - c. Taylor Street, between Oak and Vernon Streets.

3. Adequate barriers and warning signs, as requested by the Public Works Director/City Engineer, shall be placed by City personnel at all street entrances and alleys leading into the closed area. No markings of any kind will be permitted on the street, street lights, or electrical poles.

4. All debris, booths, exhibits, or other materials resulting from the Event shall be completely removed and all streets and alleyways shall be reopened to traffic by 11:00 p.m. on the date of the Event.

5. PROMOTER shall notify in writing all businesses, located on the streets to be closed, of the Event and planned street closure not later than five (5) days in advance of the Event.

6. To the fullest extent allowed by law, PROMOTER shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from, arising out of or in connection with the Event or the attendant street and/or garage closures, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

PROMOTER's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

7. The PROMOTER shall obtain insurance covering the Event in accordance with the attached insurance requirements, which are incorporated herein by this reference.

8. CITY reserves the right to cancel this Agreement if PROMOTER has knowingly made a false statement of material fact or has knowingly omitted to state a material fact to CITY.

9. PROMOTER shall reimburse CITY for all staff costs incurred relating to the Event including, but not limited to, street closure costs.

10. PROMOTER shall obtain security services for the Event as required by the Roseville Police Department. In the event PROMOTER desires to retain Roseville Police Officers (instead of a private security provider) for provision of security for the Event, PROMOTER shall, prior to the Event, enter into a Supplemental Law Enforcement Services Agreement with CITY.

11. Either party may terminate this Agreement by giving the other party ten (10) days advance written notice.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and PROMOTER has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

DOWNTOWN ROSEVILLE
MERCHANTS ASSOCIATION,
a California non-profit corporation

BY: _____
DOMINICK CASEY
City Manager

BY: 
its: PRESIDENT
and

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

BY: 
its: Secretary

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: 
DION LOUTHAN
Parks, Recreation & Libraries Director



COUNCIL COMMUNICATION

CC #: 9985
File #: 0800-06

Title: On-Call Enterprise Permitting System Support Services - Professional Services Agreement
Contact: Joe Allen 916-774-5165 jallen@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.10.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to approve a sole source professional services agreement with TruePoint Solutions, LLC to perform consulting services in support of the City's enterprise permitting system (Accela Automation), and authorize the City Manager to execute the agreement on behalf of the City of Roseville.

BACKGROUND

In 2013, following a competitive bid process, the City partnered with TruePoint Solutions (TruePoint) to implement the City's new enterprise permitting system, Accela Automation. Since then the City has continued to partner with TruePoint (a certified implementation partner for Accela Inc.), as needed, to further implement and enhance the Accela platform with great success. Most recently and noteworthy, in 2017, the City leveraged TruePoint for services associated with implementation of the Electronic Document Review (EDR) system's integration into the City's existing Accela platform.

Development Services has a business need to contract with a third-party vendor to provide on-call support for the Accela permitting platform, and to provide project management services for system upgrades, enhancements, automation, and other end-user improvements.

Staff conducted a thorough search for an appropriate resource with the essential Accela knowledge and expertise needed for this particular engagement. TruePoint is the only vendor locally with the available resources to complete the required scope of work. TruePoint was the initial system implementer and is very familiar with the City's Accela infrastructure and management, and is uniquely suited to ensure system and business continuity during the course of the engagement.

Given this, staff is requesting the approval of a Sole Source Professional Services Agreement for on-call Accela support services for the remainder of FY2018-19 and through the end of FY2019-20. The cost of ongoing maintenance associated with the enterprise permitting system is supported entirely by development through permit fees, resulting in no impact to the General

Fund. Funds are currently available in the Development Services Department's FY2018-19 budget for the remainder of the fiscal year. Funding for FY2019-20 is programmed in the Department's proposed budget for next fiscal year.

FISCAL IMPACT

The value of this service agreement for the remainder of FY2018-19 is \$28,000 and \$210,000 for FY2019-20 (pending council approval of the proposed budget), for a total not-to-exceed contract amount of \$238,000.00. The funding source is the Development Services Technology Investment Fund, which is funded by development through building permit fees for development-driven technology improvements.

ECONOMIC DEVELOPMENT / JOBS CREATED

Based on federal guidelines approximately one job is created for every \$92,000 in direct government spending. Therefore, based on the cost of this \$238,000 contract, approximately two and one half jobs would be created.

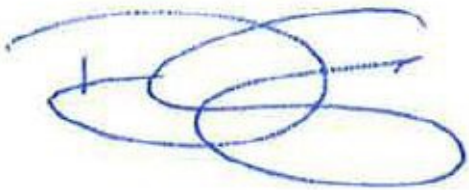
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). A service agreement does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Joe Allen, Development Services Administrator

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-183

TruePoint PSA

RESOLUTION NO. 19-183

APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE
CITY OF ROSEVILLE AND TRUEPOINT SOLUTIONS, LLC, AND AUTHORIZING THE
CITY MANAGER TO EXECUTE IT ON BEHALF OF THE
CITY OF ROSEVILLE

WHEREAS, a professional services agreement for on-call Accela support services, by and between the City of Roseville and TruePoint Solutions, LLC, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

PROFESSIONAL SERVICES AGREEMENT

Project: On-Call Accela Support Services

THIS AGREEMENT is made and entered into this ____ day of _____, 20__,
by and between the City of Roseville, a municipal corporation ("CITY"), and TruePoint
Solutions LLC, a California limited liability company ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY desires professional services consisting of on-going training, service,
support, and general maintenance for Accela Civic Platform; and

WHEREAS, CONSULTANT has prepared a proposal dated March 28, 2019, which
describes the scope of work to be performed by CONSULTANT, the budget for the work, and
the schedule for performance of the work; and

WHEREAS, CONSULTANT is qualified and experienced to provide professional
services related to Accela products.

NOW, THEREFORE, the parties agree as follows:

1. Services. CONSULTANT shall perform, at the direction of CITY, the scope of
services as described in EXHIBIT "A," attached hereto and incorporated herein by this
reference.
2. Compensation. For its services provided hereunder, CONSULTANT shall be
compensated on a time and expense basis in accordance with the budget estimate as described in

EXHIBIT "A." Total compensation shall not exceed two hundred thirty-eight thousand dollars (\$238,000.00).

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

3. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

4. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and

limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full

certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

5. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or

expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

6. Time is of the Essence. Time is of the essence of this Agreement.

7. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

8. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

9. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

10. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

11. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

12. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or

making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

13. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

14. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

15. Termination of Agreement. The City may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any Material, notwithstanding any termination or any dispute regarding the amount to be paid.

16. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

17. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

18. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

19. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Mike Isom
Development Services Director
311 Vernon Street
Roseville, CA 95678

CONSULTANT

Keith Hobday
3262 Penryn Rd.
Ste. 100-B
Loomis, CA 95650

Either party may amend its address for notice by giving notice to the other party in writing.

20. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

TRUEPOINT SOLUTIONS LLC, a
California limited liability company

BY: _____
DOMINICK CASEY
City Manager

BY: _____
its: _____

and

ATTEST:

BY: _____
its: _____

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY:  _____
MIKE ISOM
Development Services Director

EXHIBIT “A”



City of Roseville, CA

On-Going Service and Support Proposal

3/28/2019

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I. Vendor Background & Qualifications

TruePoint Company History

TruePoint Solutions, LLC is a privately held software and solutions company based in the Sacramento region. We bring an unparalleled level of experience designing, developing, implementing, and supporting complex government IT solutions. Our team has an average of 16+ years of public sector IT experience.

TruePoint Solutions was established in 2004 and became an Accela certified implementation partner in early 2005. Current implementation projects which TruePoint is involved include:

Civic Platform Projects/Clients

➤ Alameda, CA	➤ Oakland, CA	● Adams County, CO	● Sacramento County, CA
➤ Albany, OR	➤ Omaha, NE	● Arapahoe County, CO	● San Diego County, CA
➤ Atlanta, GA	➤ Oklahoma City, OK	● Bexar County, TX	● San Mateo County, CA
➤ Asheville, NC	➤ Ontario, CA	● Boulder County, CO	● Stanislaus County, CA
➤ Benicia, CA	➤ Palo Alto, CA	● Buncombe County, NC	● Weld County, CO
➤ Berkeley, CA	➤ Peoria, AZ	● Clackamas County, OR	● Washoe County, NV
➤ Boise, ID	➤ Pleasanton, CA	● Carroll County, MD	● Yakima County, WA
➤ Ceres, CA	➤ Pleasant Hill, CA	● Cobb County, GA	
➤ Clearwater, FL	➤ Reno, NV	● Contra Costa County, CA	● City and County of Denver
➤ Cleveland, OH	➤ Rochester, MN	● Douglas County, NV	● Menlo Park Fire
➤ Concord, CA	➤ Roseville, CA	● Guilford County, NC	● Placer Air Pollution Control Dist.
➤ Corvallis, OR	➤ Sacramento, CA	● Gwinnett County, GA	
➤ Elk Grove, IL	➤ San Leandro, CA	● Hillsborough County, FL	● Town of Los Gatos, CA
➤ El Paso, TX	➤ Santa Monica, CA	● Jackson County, OR	● Town of Paradise, CA
➤ Fremont, CA	➤ Salt Lake, UT	● King County, WA	● Town of Queen Creek, AZ
➤ Fort Collins, CO	➤ San Antonio, TX	● Lake County, CA	● Town of Sahuarita, AZ
➤ Grand Rapids, MI	➤ Spokane, WA	● Leon County, FL	
➤ Grass Valley, CA	➤ Stockton, CA	● Maricopa County, AZ	● CA, Department of Water Resources (DWR)
➤ Hesperia, CA	➤ Tacoma, WA	● Marion County, IN	● CA, Office of Statewide Health and Planning (OSHPD)
➤ Indianapolis, IN	➤ Tigard, OR	● Monterey County, CA	● CA, State Lands Commission
➤ Livermore, CA	➤ Virginia Beach, VA	● Montgomery County, OH	● Resources (CSLC)
➤ Madison, WI	➤ Visalia, CA	● Napa County, CA	● DC - Office of State Superintendent of Education
➤ Martinez, CA	➤ Walnut Creek, CA	● Nevada County, CA	● State of Montana
➤ Maryland Heights, MO	➤ Watertown, WI	● Pasco County, FL	● Tahoe Regional Planning Authority
➤ McAllen, TX	➤ West Sacramento, CA	● Pima County, AZ	● University of Minn.
➤ Missoula, MT	➤ Whistler, BC	● Pinal County, AZ	
➤ Moreno Valley, CA	➤ Yuba City, CA	● Placer County, CA	
➤ New York City, NY			

II. TruePoint Staff

This Project represents an important technology undertaking for the City. TruePoint will assign talented staff that has in-depth knowledge of your current implementation. Below is a summary of team members and Accela experience.

TruePoint Solutions Services Team

Consultant	Primary Role	Public Sector	Sr. Proj. Manager	Proj. Manager	Implementation										Technical												
					AA Imp. Methodology										Reporting	Scripting			Interfaces			Data Conv.					
					Business Analysis					Configuration					Oracle/MS SQL				Web Services			Oracle/API/SQL					
					Land Management	Business License	Asset Management	Citizen Access	Accela Automation	Citizen Access	Mobile Office	Accela GIS	Accela IVR	EDR	Ad hoc	Crystal Reports	SSRS	Master Scripts	ACA Pageflow	Batch / Set	Expressions	EMSE API	GeoXML	Financial / Cashier	XAPO / Contact	ePayment	EDMS
Keith Hobday	Implementation Consultant	29 yrs.																									
Terry Dunn	Implementation Consultant	2 yrs.																									
Cory Probasco	Implementation Consultant	23 yrs.																									
David Brown	Implementation Consultant	17 yrs.																									
Thomas Hornick	Technical Consultant	21 yrs.																									
Joe Cipriano	Technical Consultant	22 yrs.																									
Caleb Harshbarger	Technical Consultant	12 yrs.																									
Richard Holland	Technical Consultant	12 yrs.																									
Michale Nicore	Implementation Consultant	12 yrs.																									
McKenzie Helvick	Implementation Consultant	7 yrs.																									
Mike Cox	Technical Consultant	12 yrs.																									
Jay Lum	Technical Consultant	29 yrs.																									
Suzy Sauto	Implementation Consultant	22 yrs.																									
Deborah Herman	Implementation Consultant	22 yrs.																									
Johnny Guest	Implementation Consultant	14 yrs.																									
Erin Griffith	Technical Consultant	14 yrs.																									
Jackie Ramirez	Implementation Consultant	10 yrs.																									
Tyler Suarez	Implementation Consultant	6 yrs.																									
Ray Schug	Implementation Consultant	26 yrs.																									
Erica Rodriguez	Implementation Consultant	14 yrs.																									
Nick Graf	Implementation Consultant	10 yrs.																									
Greg Lamy	Implementation Consultant	4 yrs.																									
Michael Becker	Implementation Consultant	4 yrs.																									

Keith Hobday will be the main point of contacts for this engagement and ultimately responsible for all members of the TruePoint team. Thomas Hornick will be the primary resource utilizing other members of the team as needed.

III. Project Scope

Project Understanding

TruePoint Solutions appreciates the opportunity to continue to work with the City to enhance the utilization of your Accela Civic Platform products and support the day to day needs of your end users. The Accela Civic Platform is very feature rich and can be continually enhanced to better support your business needs. As we support your needs, we will also focus on knowledge transfer of the Accela Civic Platform features.

TruePoint Solutions proposes a blanket as needed support agreement to work with City staff to support and enhance the Accela Automation functionality. TruePoint can advise, configure, support and train all aspects of the Accela Civic platform and currently works with over 50 Accela customers on the with similar support contracts.

Proposed Services

As Needed Expert Support and General Maintenance

This service will provide day-to-day as need or on call support above and beyond what is provided by Accela CRC. It will also provide a budget to continually enhance and expand the Cities Accela configuration.

- Training as need on any aspect of Accela. Training can be done on-site or remote
- Advise on how to most efficiently configure the Accela Civic Platform based on experience we have gained from over 100 customers
- Misc. Configuration changes as requested
- Scripting for business process automation
- Fee configuration and enhancements
- Report Development and Support using Ad-Hoc, SSRS or Crystal
- ACA support and enhancements
- Accela Mobile support
- Day-to-day phone support and issue resolution
- On Site support as need form local resources.

Services Costs

Tasks	Hours	Rate	Total	Comment
As Needed Support	1,700	\$140.00	\$238,000.00	
Travel Budget			\$0.00	
Total (Not-To-Exceed)			\$238,000.00	

Services will be billed monthly on a T@M hourly basis as work is requested by the City.

SIGNATURE

Agency acknowledges that it has read this SOW, understands it and agrees to be bound by its terms and conditions. The parties agree that this Agreement cannot be altered, amended or modified, except in writing that is signed by an authorized representative of both parties.

Accepted City of Roseville, CA.	Accepted TruePoint Solutions
By: 	By: 
Print Name: Joe Allen	Print Name: Keith Hobday
Title: Development Services Administrator	Title: Partner
Date: 3-29-19	Date: 3-28-19



COUNCIL COMMUNICATION

CC #: 9999
File #: 0800-06

Title: On-Call Material Testing Services - Professional Services Agreements
Contact: Jose Lopez 916-774-5444 jlopez@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.11.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt two (2) resolutions approving professional service agreements for On-Call Material Testing Services with Engeo and Blackburn Consulting, and authorizing the City Manager to execute the agreements on behalf of the City of Roseville.

BACKGROUND

The Development Services Department relies on the use of contracts for specialized materials testing expertise. Materials testing ensures construction materials such as asphalt, concrete, aggregate base, engineered soil, etc., supplied and installed with public infrastructure improvements meet City design and construction standards. This is necessary to ensure the safety of the public once the improvements are installed, and to avoid costly maintenance or repair at a later time at the City's expense. The cost of materials testing services are billed to development projects or City capital improvement project budgets as services are rendered, resulting in no cost to the General Fund. The current on-call agreements expire May 4, 2019.

Consistent with the City's contracting requirements, staff issued a Request for Proposals for construction inspection services on February 11, 2019. Twelve firms submitted proposals in response to the RFP. Engeo and Blackburn Consulting ranked highest in terms of service, experience, and available staffing resources necessary to meet the City's needs. Similar to past practice, two separate firms will be engaged to eliminate any possible conflicts of interest that may arise as a result of either firm's existing or future contracts with other private entities (i.e., development interests). Each contract has a term of two years with two, one-year optional renewals, and not-to-exceed contract amounts of \$600,000.00 per year for the term of each agreement. To ensure consistency and fairness, each contract specifies identical services and hourly rates.

Execution of the on-call materials testing services agreements is necessary to avoid disruption and delays to development projects underway.

FISCAL IMPACT

The actions requested as part of this item have no impact to the City's General Fund. Development agreements between the City and developers require the owners/developers to reimburse the City for actual costs of providing inspection and materials testing services. Similarly, Capital Improvement Project budgets include funds for such services. The entire amount of this agreement is considered "pass-through" in which all services would be reimbursed by either owners/developers or allocated CIP budgets with no expenses incurred by the General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

Note a national economic development study has shown that for every \$92,000.00 invested in public projects 1 job is created.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines § 15061(b)(3)). Professional services agreements for materials testing does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Jose Lopez, Senior Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-193

ENGEO PSA

Resolution No. 19-194

Blackburn PSA

RESOLUTION NO. 19-193

APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND
BETWEEN THE CITY OF ROSEVILLE AND ENGeo, AND AUTHORIZING THE CITY
MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, an on-call professional services agreement regarding on-call materials testing services, by and between the City of Roseville and ENGeo, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

ON-CALL PROFESSIONAL SERVICES AGREEMENT

Materials Testing Services

THIS AGREEMENT is made and entered into this ____ day of _____, 20 __, by and between the City of Roseville, a municipal corporation ("CITY"), and ENGEO, a California corporation ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY issued a Request for Proposal for professional services consisting of on-call materials testing services; and

WHEREAS, CONSULTANT has prepared a response to the Request for Proposal dated March 15, 2019 and amended April 5, 2019 and April 11, 2019, which describes the scope of services to be performed by CONSULTANT, and the hourly rates for performance of such services; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional materials testing services on an on-call basis.

NOW, THEREFORE, the parties agree as follows:

1. Term. The term of this Agreement shall commence upon execution and expire on April 30, 2021. The City Manager may, in his or her discretion, elect to extend the Agreement in one (1) year increments for up to an additional two (2) years by giving CONSULTANT thirty

(30) days advance written notice of each optional one (1) year renewal. Such extensions shall be memorialized by a written amendment to this Agreement.

2. Services. CONSULTANT shall perform, at the direction of CITY, the scope of the on-call services as described in EXHIBIT "A," attached hereto and incorporated herein by this reference. Individual tasks will be awarded by CITY on an as-needed basis. CITY may assign work to one, or more than one CONSULTANT from an approved qualified list. CITY reserves the right to unilaterally assign work to any consultant as it deems prudent or, if no services are required, no work. CITY makes no specific guarantee of a minimum or maximum number of hours or amount of tasks or services, which shall be required of any single CONSULTANT. In addition, the inclusion of any CONSULTANT on any qualified list, if so utilized by CITY, shall in no way be considered an exclusive agreement to provide service for CITY.

3. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the hourly rates as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Any proposed increase in the effective rates for future services must be preceded by at least a 90-day written notice to the contracting department. Total compensation shall not exceed six hundred thousand dollars per year (\$600,000.00) for an overall total compensation for the initial term not to exceed one million, two hundred thousand dollars (\$1,200,000.00). Total compensation for optional renewal years of this Agreement shall not exceed six hundred thousand dollars per year (\$600,000.00). Adjustment to the total compensation per year shall require a written amendment to this Agreement, subject to approval by the City Council.

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

4. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, to the extent caused by CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement. CONSULTANT's aggregate liability hereunder shall be limited by CITY to three million dollars (\$3,000,000).

5. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

COVERAGE

LIMITS OF LIABILITY

Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and

limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full

certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

6. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or

expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

7. Prevailing Wages. For purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at

the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Contractor Registration. No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Agreement, CONSULTANT and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. CONSULTANT is hereby notified that this Agreement is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

9. Time is of the Essence. Time is of the essence of this Agreement.

10. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

11. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

12. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

13. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

14. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

15. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

16. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

17. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such

materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

18. Termination of Agreement. CITY may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. CONSULTANT understands that continuation of this Agreement past June 30th of any given year is contingent upon appropriation of funds for such purpose in the budget of the City of Roseville in the sole discretion of the City Council. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any MATERIAL, notwithstanding any termination or any dispute regarding the amount to be paid.

19. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California,

regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

22. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Mike Isom
Development Services Director
311 Vernon Street
Roseville, CA 95678

CONSULTANT

Jonathan Boland, Associate
2213 Plaza Drive
Rocklin, CA 95765

Either party may amend its address for notice by giving notice to the other party in writing.

23. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

[SIGNATURES ON FOLLOWING PAGE]

CITY OF ROSEVILLE, a
municipal corporation

ENGEO, a California corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY:  _____
MIKE ISOM
Development Services Director

BY:  _____
its: President

and

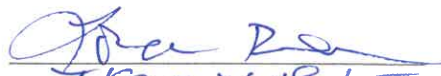
BY:  _____
its: Treasurer

EXHIBIT “A”



GEOTECHNICAL
ENVIRONMENTAL
WATER RESOURCES
CONSTRUCTION SERVICES

Project No.
P2019.000.318

March 15, 2019

City of Roseville
Attn: City Clerk Department
311 Vernon Street
Roseville, CA 95678

Subject: Proposal for On-Call Materials Testing Services
City of Roseville, California

COVER LETTER

Dear City Clerk:

ENGEO is committed to provide the most responsive and professional materials testing services available. ENGEO regularly serves on-call services contracts for various public agencies including the City of Roseville. We understand the City processes and we will deliver high quality, responsive services.

We have a thorough understanding and familiarity with current City and State standards and specifications. We understand prevailing wage reporting requirements and certified payrolls for publicly funded projects.

We offer you certified personnel with experience, education, and the right attitude to augment City staff for the busy times ahead. We consider ourselves an extension of your staff to be counted on as a valuable resource when you need us.

Our field representatives receive unparalleled training through our internal training programs with topics including Soil Mechanics 101, Hot Mix Asphalt, Special Inspections, Lab Testing, Geotechnical/Geologic Hazards, Geotechnical Construction Products, and Retaining Walls.

From our local office, we can be at your project sites in minutes. My contact information is provided below:

Jonathan Boland, GE, QSD, Associate
ENGEO Incorporated, 2213 Plaza Drive, Rocklin, CA 95765
(916) 580-6505, jboland@engeo.com

Should the need arise, we can support any geotechnical engineering, specialty testing, stormwater services, and environmental needs. We will adhere to the requirements described in this RFP and Addendum 1. With our current workload, we can manage the City's projects comfortably and with priority. This proposal is valid for 90 days.

Sincerely,

ENGEO Incorporated


Jonathan Boland
Associate


Mark Gilbert
Principal

TAB D: SERVICES UNDERSTANDING

**We consider ourselves an extension of the City staff
and are available to handle even the smallest tasks.**

Having worked with a variety of City personnel over the years, we appreciate the wide range of challenges that you face in evaluating, expanding, and maintaining the City's valuable infrastructure. From developing geotechnical recommendations for a cast-in-place foundation for the City's annual Christmas Tree to rapid-turnaround materials testing for City residential street resurfacing, we are willing and able to serve you continuously.

With the economy continuing to expand and the pace of private development increasing, we understand the City of Roseville will continue to need support for materials testing, inspection, and consulting services. For this reason, we are committed to:

- Perform services for any of the City departments including Public Works, Environmental Utilities, Parks and Recreation, Central Services, and Roseville Electric.
- Provide services in accordance with City Design/Construction Standards, and State Standard Specifications.
- Coordinate and collaborate with City inspectors regarding field testing frequencies, results, and contractor challenges, as they arise.
- Perform testing on a "test by test basis" or by an entire project.
- Maintain necessary personnel and lab certifications for each test performed prior to testing.
- Store material specimens for a minimum of 3 months following testing.
- Provide daily sampling during roadway resurfacing projects with laboratory testing every other day or weekly; testing results may be required as soon as 24 hours after testing.
- No billing minimums. You pay only for the actual time we are involved with the project, oppose to how many other firms bill in 2-, 4- or 8-hour increments regardless of the actual time spent on a project.
- Performing multiple inspections with each site visit, whenever practical.
- Compensation on a time-and-expense basis.

We understand that the City cannot assign any particular amount of work or number of projects to ENGEO, and that the City reserves the right to request proposals from other consultants during the period of this agreement.

RAPID RESPONSE

ENGEO representatives all have smart phones, as well as access to phone, email and texts during and after normal business hours. We consider this standard operating procedure in serving you. Our field representatives are equipped with laptop computers and printers to email or print reports directly from the field, as needed.

The close proximity of our office and laboratory allows us to respond rapidly to the City's project needs in the field and in the laboratory. **ENGEO can easily respond within several hours of a request; however, we have been known to respond to City of Roseville On-call projects within as little as 30 minutes.**

When necessary, laboratory test results will be reported as soon as possible, constrained only by the time required for the Caltrans and ASTM Test Methods. We have demonstrated that we can provide test results with a turn-around time that will accommodate the construction schedule.

ADDITIONAL SERVICES

We understand the current scope includes on-call materials testing. However, being a full-service engineering firm, we can provide the following to assist the City:

GEOTECHNICAL ENGINEERING	Geotechnical engineering for consultation or design of any type of new public facility.
ENVIRONMENTAL ENGINEERING	Environmental services including: Phase I/II Environmental Site Assessment Reports (ESA), soil and groundwater remediation, underground tank removal, SWPPP preparation and monitoring, groundwater monitoring, well installation, and regulatory consultation. We have included a resume for our environmental principal.
STORMWATER	Post-construction Stormwater Management consulting, including assistance with permitting requirements, if needed.

TAB E: SERVICES PLAN

PROJECT MANAGEMENT APPROACH

We believe in giving the City flexibility on how to utilize ENGEO's services in a timely and cost-effective manner. We provide a single point of contact for consistency in service and delivery. However, we encourage the City personnel to contact any one of our staff for arranging services or requesting tests. As we develop project deliverables, we will maintain high quality and consistency through appropriate review. Utilizing our Vision accounting software, we will set up the City on-call with a unique job number that will allow us to track total invoiced amounts and work within the allotted 2-year contract term. We will assign our agreed-upon rate schedule and lab fees for each project. We have one project assistant assigned to generate City of Roseville invoices to maintain additional consistency in invoicing, and invoices are reviewed by the Project Manager.

QUALITY ASSURANCE

We recognize that properly certified personnel and clear documentation of testing on your public projects is critical in preserving public safety and complying with applicable local, State and Federal Codes. We maintain internal quality through time-tested business systems, ongoing personnel training, and continually expanding our knowledge of applicable codes and building standards.

Samples delivered to our laboratories are logged, tested, and the results are submitted to the laboratory manager for review before being submitted to the project engineer for final approval. Test results are produced by the use of various computer programs that process the test data collected in the lab. The test data is recorded on written form and then entered into the computer programs for processing. Laboratory equipment is calibrated annually using an independent outside calibration service. We participate in quality assurance programs such as Caltrans, AMRL and CCRL for laboratory control and quality assurance. We also participate in laboratory sample proficiency programs by AMRL, CCRL, and Caltrans. Daily field reports, laboratory results and all final reports are reviewed by appropriate senior professionals.

We are aware of the applicable testing and sampling codes and procedures and follow them when performing materials testing services. We have ICC and ACI certified field representatives who sample concrete. We have AWS/CWI certified field representatives who inspect and test welds non-destructively in the field and in the shop. We follow ASTM and Caltrans standards when sampling and performing our laboratory testing.

WORK APPROACH AND SCHEDULE

We believe that open communication is the key to project success. When preparing for a new project with the City, ENGEO will review project plans, specifications, and reach out to the project manager to discuss details and expectations. Once we have a thorough understanding of the project, we will assemble the necessary team of field representatives and special inspectors to cover the job and assist the team in completing the work within the desired timeline. Depending on the require scope, we may utilize field equipment such as nuclear gauges and concrete sampling equipment. Additionally, we may engage one of our approved subcontractors such as APART (asphalt laboratory testing) or Woodward Drilling (drilling contractor). With our depth of internal resources and strong relationships with our subcontractors, we can quickly mobilize and serve the City on projects with accelerated schedules or night and weekend shifts.

EXHIBIT “B”



Expect Excellence

GEOTECHNICAL
ENVIRONMENTAL
WATER RESOURCES
CONSTRUCTION SERVICES

**2019 CITY OF ROSEVILLE FEE SCHEDULE
PROFESSIONAL SERVICES – EFFECTIVE APRIL 11, 2019**

President	\$380.00 per hour
Principal Engineer/Geologist/Seismologist.....	\$270.00 per hour
Associate Engineer/Geologist/Seismologist.....	\$245.00 per hour
Senior Engineer/Geologist/Seismologist	\$215.00 per hour
Project Engineer/Geologist/Seismologist	\$195.00 per hour
Environmental Scientist	\$180.00 per hour
Staff Engineer/Geologist/Seismologist	\$174.00 per hour
Assistant Engineer	\$140.00 per hour
Construction Services Manager	\$170.00 per hour
Senior Field Representative II	\$150.00 per hour**
Senior Field Representative I	\$135.00 per hour**
Field Representative	\$125.00 per hour**
Environmental Technician	\$130.00 per hour**
Senior Laboratory Technician	\$155.00 per hour
Laboratory Technician	\$140.00 per hour
Senior CAD Specialist	\$145.00 per hour
CAD Specialist	\$135.00 per hour
GIS Analyst	\$150.00 per hour
Network Administrator	\$195.00 per hour
Project Assistant	\$118.00 per hour

- * **OVERTIME RATES – Prevailing Wage Projects:** Rates increased by factor of 1.5 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates increased by factor of 2.0 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday and all hours worked on Sunday and holidays.
- * **OVERTIME RATES – Non-Prevailing Wage Projects:** Rates increased by factor of 1.25 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates increased by factor of 1.75 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday and all hours worked on Sunday and holidays.
- ** For Prevailing Wage projects, increase the hourly rate by \$15.
- ** Rates increased by factor of 1.25 for night shift hours (hours commencing after 4:00 p.m. or before 4:00 a.m.); rates increased by factor of 1.875 (an additional factor of 1.5) for all night shift hours in excess of eight (8).

OTHER FEES

- Equipment and materials will be charged in addition to the above hourly rates.
- Outside Consultants, Subcontracted Services and Equipment Rental Cost plus 20%
- Deposition, Mediation, Arbitration, or Court Appearance (Minimum Charge).....\$2,000.00 half day, \$4,000.00 full day

2019 CITY OF ROSEVILLE SUMMARY OF LABORATORY FEES

Our Laboratories are accredited by AASHTO, Caltrans, DSA, and the US Army Corps of Engineers

LAB CODE	TEST SPECIFICATION	STANDARD TURNAROUND (BUSINESS DAYS)	STANDARD PRICING	RUSH TURNAROUND (BUSINESS DAYS)	RUSH PRICING
SOIL AND ROCK					
8800	Caltrans Relative Compaction, CT216	3	\$330	Same Day	\$660
9100	Clay Lumps and Friable Particles, ASTM C142	5	\$100	Next Day	\$200
9130	Cleanness Value, CT 227 each	5	\$200	2	\$400
8310	Compaction, ASTM D1557 (A-C)	4	\$350	2	\$700
8311	Compaction Point, AASHTO T272	4	\$350	2	\$700
8312	Compaction, ASTM-1557 (A-D) or ASTM-D698 with Correction	4	\$400	2	\$800
8313	Compaction, ASTM 1557 (A - D), Same Day Preliminary Results	1	\$690	N/A	N/A
8314	Compaction, ASTM-1557 or ASTM-D698, Same Day with Correction	1	\$800	N/A	N/A
8315	Compaction, Rock Correction, ASTM D4718	4	\$75	Next Day	\$150
8316	Compaction, ASTM D4253, Vibratory Table	4	\$375	2	\$750
8220	Consolidation – Incremental Loading ASTM D2435, Method A	32	\$525	16	\$1,050
8221	Consolidation – Incremental Loading ASTM D2435, Method B	32	\$525	16	\$1,050
8230	Consolidation, ASTM D2435 Unload – Reload Cycle	4	\$50	Next Day	\$100
8410	Consolidation – CRS, ASTM D4186, Depths from 0 to 75 feet	5	\$550	4	\$1,100
8411	Consolidation –CRS, ASTM D4186, Depths from 75 feet and below and/or stiff clays	5	\$675	4	\$1,350
8450	Direct Shear – CD, Residual (3-points, 2-cycles per point, \$100 per cycle) ASTM D3080 Modified	15	\$1,000	12	\$2,000
8201	Direct Shear – CD, Slow Additional Cycles (each) ASTM D3080	2	\$200	N/A	N/A
8202	Direct Shear – CD, (2-points) ASTM D3080	8	\$500	5	\$1,000
8203	Direct Shear – CD, (3-points) ASTM D3080	12	\$700	8	\$1,400
8204	Direct Shear – CD, (4-points) ASTM D3080	16	\$900	12	\$1,800
8991	Cyclic Simple Shear Test (CSS), ASTM D6528	5	\$2,100	5	\$4,200
8992	Monotonic Simple Shear Test, ASTM D6528	5	\$1,000	5	\$2,000
8900	Durability Index, CT229	5	\$225	Next Day	\$450
8320	Expansion Index, ASTM D4829	8	\$300	4	\$600
8321	Expansion Index, ASTM D4829 - Lime Treated in Lab	Dependent on cure time	\$450	Dependent on cure time	\$900
9630	Fine Aggregate Angularity Percentage, CT 234, AASHTO T304, Method A	5	\$150	Next Day	\$300
8990	Laboratory Miniature Vane Shear (peak Value), ASTM D4648	5	\$100	Next Day	\$200
8160	Moisture Content & Unit Weight, ASTM D7263	5	\$55	Next Day	\$110
8140	Moisture Only, ASTM D2216, CT 226	5	\$30	Next Day	\$60
8150	Moisture Only, ASTM D4643, CT 370 (By Microwave oven)	5	\$100	Same Day	\$200
9590	Organic Content of Soil ASTM D2974	5	\$150	Next Day	\$300
9090	Organic Impurities, ASTM C40	5	\$150	Next Day	\$300
9120	Percent Crushed Particles, CT205	5	\$175	Same Day	\$350
9110	Percent Flat or Elongated Particles, ASTM D4791, CT 235	5	\$200	Same Day	\$400
8980	Soil pH, percent Lime for Stabilization, ASTM D6276 (Eades and Grimm)	5	\$400	Next Day	\$800
8040	Permeability, Falling Head or Constant Head, ASTM D5084, D2434	8	\$450	4	\$900

LAB CODE	TEST SPECIFICATION	STANDARD TURNAROUND (BUSINESS DAYS)	STANDARD PRICING	RUSH TURNAROUND (BUSINESS DAYS)	RUSH PRICING
8870	Soil pH, ASTM D4972, CT 643	5	\$75	Same Day	\$150
8190	Plasticity Index, Dry Method - ASTM D4318	5	\$200	Next Day	\$400
8191	Plasticity Index, Wet Method - ASTM D4318 (ASTM Default method)	5	\$260	Next Day	\$520
851	Rock Core Unconfined Compressive Strength, ASTM D7012	5	\$300	Same Day	\$600
8970	R-Value - Lime Treated, ASTM D2844 CT301	6	\$500	3	\$1,000
8290	R-Value, ASTM 2844, CT301	6	\$385	3	\$770
8280	Sand Equivalent, CT 217, ASTM D2419	5	\$185	Next Day	\$370
8261	Dry Sieve, ASTM D1140, C117	5	\$125	Next Day	\$250
8262	#200 Wash, ASTM D1140, C117	5	\$100	Next Day	\$200
8263	Sieve & #200 Wash, ASTM D422, C136, CT202	5	\$160	Next Day	\$320
8264	Sieve & Hydrometer, ASTM D422	5	\$250	2	\$500
8250	Specific Gravity, ASTM D854	5	\$225	Next Day	\$450
8251	Specific Gravity, ASTM C127 or C128	5	\$125 Per Size Fraction	Next Day	\$250 Per Size Fraction
8660	Specimen Remolding and/or Lab Mixing (per specimen)	Varies	\$100	Dependent on type of remolding	\$200
9070	Sulfate Soundness, CT 214, ASTM C88	6	\$250/ Fraction	Dependent on number of fractions	\$500/ Fraction
8110	Sulfate Testing in Soils CT417	5	\$105	Next Day	\$210
8111	Sulfate Testing in Soils ASTM C1580	5	\$210	Next Day	\$420
8490	Swell Test A, ASTM D4546	8	\$325/Point	4	\$650/Point
8500	Swell Test B, ASTM D4546	5	\$325	Dependent on material behavior	\$650
8170	Soil Cement – Wet/Dry Durability, ASTM D559	Varies	\$1,150	N/A	N/A
8350	Isotropic Triaxial Compression – CU, Single Specimen, Multistage Test ASTM D4767 - Modified	Varies	\$1,000/Stage	Dependent on number of stages and material type	\$2,000/Stage
8340	Isotropic Triaxial Compression – CU (1 point) ASTM D4767	5	\$500	4	\$1,000
8341	Isotropic Triaxial Compression – CU (2- points) ASTM D4767, USACE	9	\$1,000	8	\$2,000
8342	Isotropic Triaxial Compression – CU (3- points) ASTM D4767, USACE	14	\$1,500	12	\$3,000
8343	Isotropic Triaxial Compression – CU (4- points) ASTM D4767, USACE	18	\$2,000	15	\$4,000
8330	Isotropic Triaxial Compression – UU (per point) ASTM D2850, USACE	5	\$185	Next Day	\$370
8180	Unconfined Compression - Soils, ASTM D2166	5	\$125	Next Day	\$250
8181	Unconfined Compression, Lime/Cement-Treated Soil ASTM D1633	18	\$325	9	\$650
8182	Unconfined Compression, Lime/Cement-Treated Soil CTM 373	18	\$1000	9	\$2,000
8183	Unconfined Compression, Lime/Cement -Treated Soil, Additional points	18	\$50	9	\$100
CONCRETE					
9220	Absorption, ASTM C642	6	\$450	Next Day	\$900
9010	Compression Test, Cores, ASTM C42	5	\$100	Same Day	\$200
9320	Compression Test, per 6" x 12" cylinder, ASTM C39	5	\$36	Same Day	\$72
9330	Compression Test, per 4" x 8" cylinder ASTM C39	5	\$32	Same Day	\$64
9340	Compressive Strength of Lightweight Insulating Concrete (ASTM C495)	5	\$150	Same Day	\$300
9020	Core Trimming, In Laboratory	5	\$70	Same Day	\$140
9060	Laboratory Trial Batch, ASTM C192, Including Test Cylinders	5	\$1000	Same Day	\$2000

LAB CODE	TEST SPECIFICATION	STANDARD TURNAROUND (BUSINESS DAYS)	STANDARD PRICING	RUSH TURNAROUND (BUSINESS DAYS)	RUSH PRICING
9080	Length Change (3 bars, 4 readings, up to 90 days), ASTM C157 modified	28-90	\$500	28-90	\$830
9050	Slab Moisture Determination Test Kit	5	\$40	Next Day	\$60
9000	Unit Weight of Lightweight Concrete Cylinders (ASTM C495)	5	\$50	Next Day	\$100
CONCRETE MASONRY UNITS					
9160	Compression, ASTM C140	5	\$110	Same Day	\$220
9140	Moisture Content as Received, Absorption ASTM C140	5	\$80	Next Day	\$160
MASONRY PRISMS					
9190	Compression Test, Grouted Prisms, ASTM C1314	5	\$300	Next Day	\$600
9200	Trimming Grouted Prisms	5	\$125	Next Day	\$250
MORTAR & GROUT					
9250	Compression Test 2" Mortar Cubes, ASTM C109	5	\$50	Next Day	\$100
9240	Compression, Grout Prisms, ASTM C39	5	\$50	Next Day	\$100
9230	Compression, Mortar Cylinder, ASTM C39	5	\$50	Next Day	\$100
ASPHALTIC CONCRETE					
8010	AC Correction Factor, ASTM D6307, CT 382	N/A	N/A	N/A	\$550
8020	RAP Aggregate Gradation Correlation Factor, Caltrans LP-9	N/A	N/A	N/A	\$2,850
8070	AC Maximum Density (Avg. of 5 Briquettes) D1188, CT308	N/A	N/A	N/A	\$550
8071	AC Maximum Density (Avg. of 5 Briquettes) D1188, CT 308 (S-Value is performed prior to LTMD)	N/A	N/A	N/A	\$425
8090	AC Maximum Theoretical Unit Weight ASTM D2041, CT 309 (Rice Specific Gravity)	N/A	N/A	N/A	\$300
9460	Asphalt Core Density (4" Core), ASTM D1188, CT308	N/A	N/A	N/A	\$80
9461	Asphalt Core Density (6" Core), ASTM D1188, CT 308	N/A	N/A	N/A	\$150
8532	Extraction by Centrifuge ASTM 2172	N/A	N/A	N/A	\$450
8531	Extraction by Ignition Oven, ASTM D6307, CT 382	N/A	N/A	N/A	\$350
8533	Extraction by Reflux Extractor, ASTM D2172 – Method B	N/A	N/A	N/A	\$725
8050	Stability Test (Avg. of 3 Briquettes), ASTM D1560, CT 366, (w/o Max. Density test)	N/A	N/A	N/A	\$750
VOLUMETRIC PROPERTIES OF HMA					
9660	Absorbed Asphalt Binder CT 367	N/A	N/A	N/A	\$200
9600	Air Void Content	N/A	N/A	N/A	\$200
9670	Bulk Specific Gravity – Admixture Blend CT 367	N/A	N/A	N/A	\$200
9640	Dust Proportions, CT 367, Caltrans LP-4	N/A	N/A	N/A	\$200
9680	Effective Asphalt Binder of Volume, CT 367	N/A	N/A	N/A	\$200
9690	Effective Binder Content, CT 367	N/A	N/A	N/A	\$200
9580	Effective Specific Gravity of Aggregate-Admixture Blend, CT 367	N/A	N/A	N/A	\$200
9620	Void Filled With Asphalt CT 367, LP-3	N/A	N/A	N/A	\$200
9610	Voids in Mineral Aggregate CT 367, LP-2	N/A	N/A	N/A	\$200
Note: Lab fees for volumetric properties of HMA per CT 367 are based on tests CT 202, CT 308, CT 309, and CT 382 have been completed.					
HIGH STRENGTH BOLT TESTS					
9800	Bolt Proof and Ultimate Load	5	\$110	Same Day	\$220
9810	Nut Proof Load	5	\$100	Same Day	\$200
9820	Hardness (bolts, nuts, washers, each)	5	\$100	Same Day	\$200
FIREPROOFING					
9990	Oven Dry Density, Fireproofing, per sample	5	\$100	Next Day	\$200

- Rush Turn-Around-Times are calculated based on the average minimum time required to complete the test and remain compliant with the applicable test standard.
- Rush Turn-Around-Time prioritizes rush testing over other requested testing and dedicates a technician to complete the rush testing as quickly as possible.
- Add three days to the estimated test duration for soil testing that requires remolded specimens.
- The above fees are reviewed annually and are subject to change. Additional tests are available upon request.
- Prices exclude field collection and transportation to the laboratory.
- Supplemental fees for laboratory preparation of specimens are charged on an hourly basis.
- Test duration implies the amount of time required to perform the test once started. Test start times are dependent on available labor and equipment.
- Testing fees and the test durations listed reflect standard business hours required to perform the test. Samples requiring premium handling will incur additional hourly personnel charges in accordance with the Laboratory Technician Rate presented on our Fee Schedule.
- Where tests are to be run on an immediate need basis (tests to be initiated out of order received and regardless of status of other previously received samples) the expediting fee is 100% of the listed unit rate.
- Sample storage is \$100 per month per cubic yard of storage space.
- There is a 3 pm cut-off time for sample delivery/test start time.
- Turnaround times are based on samples delivered to the laboratory before 3:00 pm. Turnaround on samples received after 3:00 pm will begin at 7:00 am the following business day.
- Concrete compression breaks requested prior to the scheduled break date and/or prior to 7 am will be considered rush testing requests and billed a rush fee.
- Witness testing will be billed at \$150.00/hour per individual witness.

EQUIPMENT AND MATERIALS CHARGES

DESCRIPTION	COST PER UNIT (\$)	UNIT
Air Content Meter	7.00	hour
Bailers (Disposable)	8.00	each
Concrete Crack Monitor	20.00	each
Coring Machine	25.00	hour
Double-Ring Infiltrometer	40.00	hour
Electronic Water Level Indicator	5.00	hour
Engineering Analysis Software	28.00	hour
Equipment Transport(er)	100.00	hour
Exploration Equipment (Percussion Penetrometer)	50.00	hour
Floor Flatness/Floor Level Equipment	20.00	hour
Generator	15.00	hour
GIS Website Portal Maintenance	100.00	month
GPR/GPS Handheld Device	10.00	hour
GPR/GPS/Drone Survey Grade Equipment	175.00	hour
Hand Auger and Soil Sampler	15.00	hour
Hydraulic Pull-Test Equipment	25.00	hour
Interface Probe	2.00	hour
Magnetic Particle Test Equipment	25.00	hour
Moisture Content Test Equipment	6.00	hour
Multi-Parameter Water Meter	15.00	hour
pH Meter/Turbidity Meter	10.00	hour
Photo Ionization Detector	15.00	hour
Pachometer	100.00	hour
Sampling Tubes	10.00	each
Sand Cone Equipment and Material	5.00	hour
Schmidt Hammer	20.00	hour
Seisometer	50.00	hour
Skidmore Wilhelm Bolt Tension Calib.	40.00	hour
Slope Inclinometer/Settlement Indicator/VW Readout	50.00	hour
Torque Wrench	15.00	hour
Transfer Pump	3.00	hour
Ultrasonic Equipment	50.00	hour
Vapor Emission Test Kit	40.00	kit
Vector Conversion	60.00	conversion
Vehicle, mileage, nuclear gauge, misc. equipment, wireless communication	27.00	hour
Vehicle, mileage, misc. equipment, wireless communication	18.00	hour
Vibration Monitor	1800.00	month
Water Sampling Pumps	20.00	hour
Bridge Toll	actual	actual
Mileage	.78	mile
Parking	actual	actual
AutoCAD, Civil 3D, GIS, Drone Data Processing	25.00	hour
Photocopies Black & White	0.25	each
Photocopies Color 11 x 17	1.50	each
Photocopies Color 8½ x 11	1.00	each
Plot - Black & White	3.00	square foot
Plot - Color	4.00	square foot
Postage	actual	actual
Scan - Black & White	1.50	each
Scan - Color	3.75	each
Telephone	0.50	minute

RESOLUTION NO. 19-194

APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND
BETWEEN THE CITY OF ROSEVILLE AND BLACKBURN CONSULTING, AND
AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, an on-call professional services agreement regarding on-call materials testing services, by and between the City of Roseville and Blackburn Consulting, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

ON-CALL PROFESSIONAL SERVICES AGREEMENT

Materials Testing Services

THIS AGREEMENT is made and entered into this ____ day of _____, 20__,
by and between the City of Roseville, a municipal corporation ("CITY"), and Blackburn
Consulting, a California corporation ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY issued a Request for Proposal for professional services consisting of
on-call materials testing services; and

WHEREAS, CONSULTANT has prepared a response to the Request for Proposal dated
March 18, 2019 which describes the scope of services to be performed by CONSULTANT, and
the hourly rates for performance of such services; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional
materials testing services on an on-call basis.

NOW, THEREFORE, the parties agree as follows:

1. Term. The term of this Agreement shall commence upon execution and expire on
April 30, 2021. The City Manager may, in his or her discretion, elect to extend the Agreement in
one (1) year increments for up to an additional two (2) years by giving CONSULTANT thirty
(30) days advance written notice of each optional one (1) year renewal. Such extensions shall be
memorialized by a written amendment to this Agreement.

2. Services. CONSULTANT shall perform, at the direction of CITY, the scope of the on-call services as described in EXHIBIT "A," attached hereto and incorporated herein by this reference. Individual tasks will be awarded by CITY on an as-needed basis. CITY may assign work to one, or more than one CONSULTANT from an approved qualified list. CITY reserves the right to unilaterally assign work to any consultant as it deems prudent or, if no services are required, no work. CITY makes no specific guarantee of a minimum or maximum number of hours or amount of tasks or services, which shall be required of any single CONSULTANT. In addition, the inclusion of any CONSULTANT on any qualified list, if so utilized by CITY, shall in no way be considered an exclusive agreement to provide service for CITY.

3. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the hourly rates as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Any proposed increase in the effective rates for future services must be preceded by at least a 90-day written notice to the contracting department. Total compensation shall not exceed six hundred thousand dollars per year (\$600,000.00) for an overall total compensation for the initial term not to exceed one million, two hundred thousand dollars (\$1,200,000.00). Total compensation for optional renewal years of this Agreement shall not exceed six hundred thousand dollars per year (\$600,000.00). Adjustment to the total compensation per year shall require a written amendment to this Agreement, subject to approval by the City Council.

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within

thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

4. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property caused to the extent of the CONSULTANT's negligent act or willful misconduct or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

5. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit

Professional Liability (errors and omissions)

\$1,000,000 per claim
\$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

g. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage,

nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

6. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

7. Prevailing Wages. For purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the

amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Contractor Registration. No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Agreement, CONSULTANT and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. CONSULTANT is hereby notified that this Agreement is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

9. Time is of the Essence. Time is of the essence of this Agreement.

10. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

11. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

12. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

13. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

14. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

15. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the

Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

16. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

17. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

18. Termination of Agreement. CITY may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days

advance written notice. CONSULTANT understands that continuation of this Agreement past June 30th of any given year is contingent upon appropriation of funds for such purpose in the budget of the City of Roseville in the sole discretion of the City Council. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any MATERIAL, notwithstanding any termination or any dispute regarding the amount to be paid.

19. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

22. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

CONSULTANT

Mike Isom
Development Services Director
311 Vernon Street
Roseville, CA 95678

Bryce Moore
Director of Construction Services
2491 Boatman Avenue
West Sacramento, CA 95691

Either party may amend its address for notice by giving notice to the other party in writing.

23. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

BLACKBURN CONSULTING, a
California corporation

BY: _____
DOMINICK CASEY
City Manager

BY: 
its: Tom Blackburn, President

ATTEST:

and
BY: 
its: Grace Blackburn, Secretary

BY: _____
SONIA OROZCO
City Clerk

[SIGNATURES ON FOLLOWING PAGE]

APPROVED AS TO FORM:

BY: _____

ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____



MIKE ISOM
Development Services Director

EXHIBIT “A”

West Sacramento Office:
2491 Boatman Ave. ■ West Sacramento, CA 95691
(916) 375-8706 ■ Fax (916) 375-8709



Main Auburn Office: (530) 887-1494
Fresno Office: (559) 438-8411

Geotechnical ■ Geo-Environmental ■ Construction Services ■ Forensics

March 18, 2019

Mr. Jose C. Lopez
City of Roseville
Development Services Department, Engineering
311 Vernon Street
Roseville, CA 95678

Subject: **Proposal for On-Call Materials Testing Services**

Dear Mr. Lopez,

Thank you for reviewing Blackburn Consulting's (BCI) Proposal for On-Call Materials Testing Services to the City of Roseville. As a local, established firm, BCI offers quality materials testing services by experienced technicians. Our primary strengths for this contract include:

- **Local Project Experience:** We have over 20 years of experience working on public infrastructure projects in Placer County. We are intimately familiar with this area's soil conditions and understand the impacts these soil conditions have on design and construction.
- **Cross-Trained Field Technicians Supported by Registered Engineers:** BCI employs experienced and efficient field technicians who are cross-trained and certified to perform testing and inspections on many different material types. Our registered engineers will provide support and quick response to our technicians and the City during construction issues.
- **Certified Laboratory with Engineering Oversight:** BCI's registered engineers manage our materials laboratories. We maintain AASHTO, USACE, DSA and Caltrans laboratory certifications. A registered engineer reviews all field and laboratory data and reports for quality and accuracy.
- **DBE Goal Achievement** — BCI has partnered with Sierra Geotech in order to help the City achieve any DBE goals on federally-funded task orders under this contract. Sierra Geotech is DBE certified and will provide materials testing and laboratory testing services as needed.

BCI will perform the services and adhere to the requirements described in this RFP. We acknowledge receipt of Addendum No. 1 and include a signed copy in Section G Required Statements/Documents pages 26 & 27. We have also provided a signed copy of the Proposer's Certification (Attachment A) in Section G, page 25.

After review of our Proposal, please call if you have any questions. We look forward to continuing our successful partnership with the City of Roseville.

Firm Name and Mailing Address

Blackburn Consulting
2491 Boatman Avenue
West Sacramento, CA 95691

Contact Person

Bryce Moore, Director of Construction Services
Phone: (916) 375-8706, Fax: (916) 375-8709
brycem@blackburnconsulting.com

Sincerely,

BLACKBURN CONSULTING

A handwritten signature in blue ink, appearing to read "R. Lokteff".

Robert Lokteff, PE, GE
Principal

A handwritten signature in blue ink, appearing to read "Bryce Moore".

Bryce Moore
Director of Construction Services

TAB D: Service Understanding

Services Requested

The City of Roseville (City) plans to select one or more geotechnical engineering firms that specialize in materials testing services for roadway and related construction. The types of projects include new and existing infrastructure, private and public development subdivisions, major arterial roadways, capital improvement projects, Community Facility Districts, and Specific Plans. Construction materials testing services for project compliance and acceptance will be provided for soils, concrete and hot mix asphalt concrete. Professional services shall be in accordance with the City's Design & Construction Standards, and the State of California Department of Transportation Standard Specifications.

Approach

BCI has assembled a highly-qualified team to pro-actively manage and perform materials testing and special inspections for this on-call contract. Key elements of our approach include:

- **Open Communication** — We encourage open and frequent communication between all parties regarding known or potential project issues and constraints. We provide timely and effective support and solutions.
- **Efficient Technician Scheduling** — Our technicians are cross-trained and certified to both test varying material types and provide special inspection. This allows us to dispatch one technician for both materials testing and special inspection, which saves time and money.
- **Thorough and Timely Documentation** — Our inspectors and material testing technicians provide accurate and timely documentation on every project. We track all deficiencies and non-conforming tests for each project separately and will work diligently with City Inspectors and the contractor to resolve failing tests as soon as possible.

Major Challenges and Strengths

Availability of Resources

BCI understands public works construction, and the major challenge of anticipating field staffing levels and providing sufficient field personnel on a day-by-day or project-by-project basis. We have successfully serviced On-Call Materials Testing contracts ranging from \$2,500 to \$6M for various State and local agencies. To respond to peak project staffing during the summer and fall months, BCI cross-trains and certifies our field staff, laboratory staff, and junior engineers in materials testing techniques so we can provide additional qualified staff as necessary. One technician assigned to multiple projects and performing multiple test types supports efficiency and clear communication.

Unforeseen Conditions

A second major challenge of on-call contracts is unforeseen conditions that occur during construction of roadways and public works projects, especially those related to unstable subgrade during or shortly following the rainy season. BCI's civil and geotechnical engineers have over 20 years of experience in providing engineering solutions and flexible recommendations to expedite construction in the Placer County region. Our unique knowledge of local soil conditions, material suppliers, and specifications allow us to provide quick response to conditions that may arise and identify potential problems early. Field personnel have direct and quick access to senior engineers to resolve problems in an effective manner, preventing unnecessary construction delays and added cost.

TAB E: Services Plan

BCI's plan to successfully complete this contract relies on effective methodologies throughout each individual task order stage, from the task order proposal through task order closeout. We describe key elements of our services plan below.

Task Order Proposal

When BCI receives a request from the City for a task order, Bryce (BCI's Director of Construction Services) will determine specific technical skills and certifications that will be required to successfully complete the work. Bryce will submit a cost proposal and detailed scope of work to the City for each task order request. The proposal will include:

1. Our understanding of the project and the anticipated construction schedule.
2. A detailed scope of services including the types of materials testing and/or special inspection services to be performed.
3. A detailed cost estimate to complete our task order services, including a breakdown of our costs by the associated construction phase and/or type of material to be tested or inspected.
4. The name(s) of BCI field personnel proposed for the materials testing and/or special inspection services on the task order, including the basis for selecting a particular BCI staff member.
5. A discussion of the DBE requirements (for federally funded projects) and our DBE utilization to meet specified DBE goals. BCI will use our DBE partner Sierra Geotech to satisfy DBE requirements for federally funded projects with required DBE goals. Depending on the project needs and size BCI will determine whether Sierra Geotech performs both field and laboratory testing or only laboratory testing.

Staffing Estimates and Scheduling

Bryce will evaluate staffing needs for each task order at least once a week and provide sufficient qualified field personnel to the City throughout the year. Staffing adjustments will be made as needed to increase or decrease staffing based on the contractor's schedule. Any staffing level changes will be discussed with the City before implementing the change.

BCI will schedule and assign projects in specific geographical areas to a primary materials tester to minimize staffing where practical. If construction schedules dictate additional materials testers are necessary, BCI will add selected staff to a project to ensure all materials testing needs are met as scheduled. Whenever possible, BCI will perform concrete sample pickup and short site visits using staff who reside in the greater Roseville area but who commute to our West Sacramento office to reduce cost to the City. The staff we will assign are identified in Tab C: Qualifications of Team.

TAB E: Services Plan Cont'd

Field and Laboratory Test Documentation

BCI equips all of our field staff with laptops and cellular WIFI connection devices to enable each materials tester to complete and transmit field reports and test results electronically on a daily basis. BCI performs a quality control review of each daily field report and laboratory test report prior to submitting the final reports to the City.

Intentional and clear communication with City staff and the contractor are critical to ensure that failing tests and deficient materials are corrected as soon as possible to reduce associated schedule and cost impacts. When deficiencies or test failures occur, BCI's field personnel will notify the contractor and City representative immediately, and Bryce will track each case including location, the type of deficiency, and when the deficiency was corrected. BCI maintains a deficiency log for each task order to track deficiencies.

Budget Tracking

BCI will track each task order budget separately on a month by month basis, and forecast our anticipated future task order billing. This will allow us to give an up to date account to the City regarding our budget status. If our forecasting indicates that our budget could be exceeded, then we can work with the City to adjust our services to avoid budget overruns. BCI will also track retesting/re-inspection costs to correct deficient or non-conforming work in case the City desires to pass these costs onto the Contractor.

Invoicing Procedures

BCI will provide invoicing that meets the Cities needs regarding format and content. We can customize invoicing for individual projects as needed if there are special requirements such as certified payroll and other federal funding requirements. At a minimum, BCI will provide invoices to the City on a monthly basis that will include the following: Project name, City project number, City wide job #, Invoice #, date of service, types of services rendered, contractor, person performing the task, test rate, and/or hourly rate. Depending on the City's needs, BCI can provide a single invoice each month broken down into task order phases or provide individual invoices for each task order.

BCI has concentrated on public works projects since the company's founding. We have an in- depth knowledge of invoicing and payroll requirements with regards to federally-funded projects. BCI has performed labor compliance oversight on multiple federal aid projects, and BCI Principal Grace Blackburn is an active member of the American Council of Engineering Companies (ACEC) Prevailing Wage Law Committee.

Task Order/Project Closeout

After completion of each task order, BCI will keep electronic and hard copy files of all relevant information regarding each project. BCI can provide summary letters of work performed, test results, and lab results if requested. If needed, we will also provide support for federally-funded project audits.

EXHIBIT “B”

Auburn Main Office:
 11521 Blocker Drive, Suite 110
 Auburn, CA 95603
 (530) 887-1494, Fax (530) 887-1495

West Sacramento Office:
 2491 Boatman Avenue
 West Sacramento, CA 95691
 (916) 375-8706, Fax (916) 375-8709



www.blackburnconsulting.com

Fresno Office:
 4186 W. Swift Avenue, Suite 107
 Fresno, CA 93722
 (559) 438-8411, Alt. (559) 276-4246

2019 SCHEDULE OF FEES - City of Roseville On-Call

Geotechnical ▪ Geo-Environmental ▪ Construction Services ▪ Forensics

PROFESSIONAL HOURLY RATES:

Senior Project Manager	\$215	Technician Manager	\$145
Principal	\$245	Clerical	\$85

SPECIAL INSPECTION PERSONNEL HOURLY RATES:

Prevailing Wage

	Regular	Saturday/OT	Sunday/Holiday/2x
Construction Inspector/Group 2	\$177	\$204	\$230
Construction Inspector/Group 2 (2nd shift)	\$190	\$220	\$250
Materials Tester/Group 3	\$160	\$183	\$206
Materials Tester/Group 3 (2nd shift)	\$172	\$197	\$222

Non-Prevailing Wage

	Regular	Saturday/OT	Sunday/Holiday/2x
Construction Inspector	\$138	\$163	\$188
Materials Tester/Group 3	\$115	\$140	\$165

MINIMUM BASIC CHARGES:

Outside Equipment & Services	Cost plus 15%
Technician Services	Charge includes time from office and return to office, minimum charge - 2 hours
Overtime	Before 7:00am or after 4:00pm
Report Copies	4 Report copies provided

EQUIPMENT: (personnel not included)

Hand Sampling Equipment	\$275 / Day	Double Ring Infiltrometer Equipment	\$300 / Day
Nuclear Moisture/Density Testing	\$17 / Test	Level Survey Equipment	\$260 / Day
6" Sand Cone Testing	\$45 / Test	Pachometer	\$130 / Day
12" Sand Cone Testing	\$190 / Test	Rock Point Load Test Equipment	\$130 / Day
Coring Bit Charge	\$45 / Core	Roto Hammer	\$125 / Day
Coring Machine	\$265 / Day	Schmidt Hammer	\$105 / Day
Dynamic Cone Penetrometer	\$275 / Day	Torque Wrench	\$70 / Day
Electrical Resistivity Equipment	\$250 / Day	Seismic Refraction: 12 Channel	\$470 / Day
Generator	\$70 / Day	Traffic Control/Safety	\$300 / Day
Groundwater Level Indicator	\$65 / Day	Concrete Vapor Emission Test Kit	\$35 / Ea
Inclinometer Survey Equipment	\$625 / Day	pH Test Strip Package	\$55 / Ea

Revised 03-13-19

Auburn Main Office:
11521 Blocker Drive, Suite 110
Auburn, CA 95603
(530) 887-1494, Fax (530) 887-1495

West Sacramento Office:
2491 Boatman Avenue
West Sacramento, CA 95691
(916) 375-8706, Fax (916) 375-8709



www.blackburnconsulting.com

Fresno Office:
4186 W. Swift Avenue, Suite 107
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2019 LABORATORY FEE SCHEDULE

Geotechnical ▪ Geo-Environmental ▪ Construction Services ▪ Forensics

Page 1 of 2

SOIL CLASSIFICATION		
#200 Sieve Wash	ASTM D1140	\$122
Sieve Analysis to #200	ASTM D6913, CAL 202	\$190
Standard Hydrometer with Sieve Analysis	ASTM D422	\$373
Plasticity Index	ASTM D4318	\$273
Specific Gravity - Soils	AASHTO T100	\$116
MOISTURE / DENSITY		
Moisture Content	ASTM D2216, CAL 226	\$44
Moisture/Density		\$83
SOIL COMPACTION		
Standard Proctor (4" or 6" mold)	ASTM D698	\$340
Modified Proctor (4" or 6" mold)	ASTM D1557	\$340
California Impact	CAL 216	\$340
Check Point (Standard or Modified)		\$156
VOLUME CHANGE		
One-Dimensional Consolidation (6 load increments, includes 2 time rate curves and 2 rebound decrements)	ASTM D2435	\$535
Additional Load or Rebound Decrement		\$36/ea
Additional Time Rate Curves		\$116/ea
Expansion Index	ASTM D4829	\$273
One-Dimensional Settlement Swell	ASTM D4546	\$240
STRENGTH		
Unconfined Compression	ASTM D2166	\$156
Compression, Rock <i>Prep & Photos included</i>	ASTM D7012	\$180
Rock Point Load (up to six points)	ASTM D5731	\$72
Compression Test of Cored Concrete Spec.		\$129
California Bearing Ratio (CBR), with curve	ASTM D1883	\$847
California Bearing Ratio (CBR), without curve	ASTM D1883	\$508
Resistance Value	CAL 301, ASTM D2844	\$368
Direct Shear: (per point)		
Undisturbed	ASTM D3080	\$212
Remolded	ASTM D3080	\$273
Triaxial Compression: (per point) Photos of failure upon request		
Undrained, Unconsolidated w/out Pore Pressure	ASTM D2850	\$190
Consolidated, Undrained w/ Pore Pressure Measurements	ASTM D4767	\$557
Consolidated, Drained		\$802
Consolidated, Undrained, no Pore Pressure Measurements		\$312
Specimen Remolding		\$122

CORROSIVITY ANALYSIS

Corrosion Analysis Package	CAL 643, 417, 422	\$346
<i>Includes Soil Resistivity, Soil pH, Sulfates / Chlorides. Minimum size is 1,000 grams</i>		
pH	CTM643	\$44
Resistivity	CTM643	\$145

PERMEABILITY

Flex-wall Permeability	ASTM D5084	
<i>Either Constant head or Falling Head / rising Tail Water. Method depends on soil type</i>		\$490
Each Additional Effective Stress		\$122
Specimen Remodeling		\$122

TREATED SOIL TESTS

% Lime for Stabilization - per point (%)	ASTM D6276	\$135
pH of Soil	CTM643	\$44
Modified Proctor	ASTM D1557	\$407
Unconfined Compression Test	ASTM D5102	\$228
One Dimensional Swell	ASTM D4546	\$228

AGGREGATES

Bulk Specific Gravity - Course & Fine Aggregate	ASTM C127 & 128, CAL 206, 207	\$116
Coarse Durability	CAL 229	\$201
Fine Durability	CAL 229	\$201
Sand Equivalent	CAL 217, ASTM D2419	\$140
Cleanness Value	CAL 227	\$190
Moisture Content	CAL 226/370	\$106
Percent of Crushed Particles (per size fraction)	CAL 205	\$178
Fine Aggregate Angularity	AASHTO T304, Method A	\$178
Flat and Elongated Particles (per size)	AASHTO D 4791	\$178
Combined Grading 1" through no. 200	CAL 201/202	\$190
Bin Grading (First 2 Bins)	CAL 201/202	\$190
Each Bin Thereafter		\$72
LP-9 (RAP) Burn	LP-9, CT382	\$116

ASPHALT

Bulk Specific Gravity - Compacted Hot Mix Asphalt	CAL 308	\$57
Theoretical Max Specific Gravity (Rice)	CAL 309	\$207
LTMD (Set of 5)	CAL 375	\$412

Binder Content

Ignition Oven Correction Factor	CAL 382	\$351
Ignition Oven	CAL 382	\$207
Solvent	AASHTO T164	\$262
Stability (Set of 3)	CAL 366	\$368

Void Content

With Stability and Rice	CAL 367	\$39
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CONCRETE & MASONRY

Concrete Compression Test 6" x 12" or 4" x 8"	ASTM C39	\$39
Masonry or Grout Compression		\$57

Other Tests Quoted Upon Request



COUNCIL COMMUNICATION

CC #: 9998
File #: 0800-06

Title: On-Call Construction Inspection Services - Professional Services Agreements
Contact: Jose Lopez 916-774-5444 jlopez@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.12.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt two (2) resolutions approving On-Call Professional Services Agreements for construction inspection services with Psomas and 4Leaf, Inc., and authorizing the City Manager to execute the agreements on behalf of the City of Roseville.

BACKGROUND

The Development Services Department's staffing model relies on the use of specialized contract support for inspection of a variety of project types, including installation of new above ground and underground public infrastructure, subdivision improvements, major arterial roadway construction, various capital improvement projects, community facilities district-funded improvements, and specific plan backbone infrastructure. The cost of inspection services is paid by development projects or City capital improvement program budgets as services are rendered, resulting in no cost to the General Fund. The current on-call agreements expire May 4, 2019.

Consistent with the City's contracting requirements, staff issued a Request for Proposals for construction inspection services on February 11, 2019. Twelve firms submitted proposals in response to the RFP. Psomas and 4Leaf, Inc. ranked highest in terms of service, experience, and available staffing resources to meet the City's needs. Similar to past practice, two separate firms will be engaged to eliminate any possible conflicts of interest that may arise as a result of either firm's existing or future contracts with other private entities (i.e., development interests). Each contract has a term of two years with two, one-year optional renewals, and not-to-exceed contract amounts of \$600,000.00 per year for the term of each agreement. To ensure consistency and fairness, each contract specifies identical services and hourly rates.

Execution of the on-call construction inspection services agreements is necessary to avoid disruption and delays to development projects underway.

FISCAL IMPACT

The actions requested as part of this item have no impact to the City's General Fund.

Development agreements between the City and developers require the owners/developers to reimburse the City for actual costs of providing inspection testing services. Similarly, Capital Improvement Project budgets include funds for inspection management services. The entire amount of this agreement is considered "pass-through" in which all services would be reimbursed by either owners/developers or allocated CIP budgets with no expenses incurred by the General Fund. Each contract has a term of two years with two, one-year optional renewals, and not-to-exceed contract amounts of \$600,000.00 per year for the term of each agreement.

ECONOMIC DEVELOPMENT / JOBS CREATED

A national economic development study has shown that for every \$92,000.00 invested in public projects 1 job is created.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines § 15061(b)(3)). Professional services agreements for construction inspection do not include the potential for a significant environmental effect, and therefore are not subject to CEQA.

Respectfully Submitted,

Jose Lopez, Senior Engineer

Mike Isom, Development Services Director

A handwritten signature in blue ink, appearing to be 'Dominick Casey', with a stylized, cursive script.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-191

Psomas PSA

Resolution No. 19-192

4Leaf PSA

RESOLUTION NO. 19-191

APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND
BETWEEN THE CITY OF ROSEVILLE AND PSOMAS, AND AUTHORIZING THE CITY
MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, an on-call professional services agreement regarding on-call construction inspection services, by and between the City of Roseville and Psomas, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

ON-CALL PROFESSIONAL SERVICES AGREEMENT

Construction Inspection Services

THIS AGREEMENT is made and entered into this ____ day of _____, 20__,
by and between the City of Roseville, a municipal corporation ("CITY"), and Psomas, a
California corporation ("CONSULTANT"); and

WITNESSETH:

WHEREAS, CITY issued Request for Proposal for professional services consisting of
on-call construction inspection services; and

WHEREAS, CONSULTANT has prepared a response to the Request for Proposal dated
March 19, 2019 and amended on April 9, 2019, which describes the scope of services to be
performed by CONSULTANT, and the hourly rates for performance of such services; and

WHEREAS, CONSULTANT is qualified and experienced to provide on-call professional
construction inspection services on an on-call basis.

NOW, THEREFORE, the parties agree as follows:

1. Term. The term of this Agreement shall commence upon execution and expire on
April 1, 2021. The City Manager may, in his or her discretion, elect to extend the Agreement in
one (1) year increments for up to an additional two (2) years by giving CONSULTANT thirty
(30) days advance written notice of each optional one (1) year renewal. Such extensions shall be
memorialized by a written amendment to this Agreement.

2. Services. CONSULTANT shall perform, at the direction of CITY, the scope of the on-call services as described in EXHIBIT "A," attached hereto and incorporated herein by this reference. Individual tasks will be awarded by CITY on an as-needed basis. CITY may assign work to one, or more than one CONSULTANT from an approved qualified list. CITY reserves the right to unilaterally assign work to any consultant as it deems prudent or, if no services are required, no work. CITY makes no specific guarantee of a minimum or maximum number of hours or amount of tasks or services, which shall be required of any single CONSULTANT. In addition, the inclusion of any CONSULTANT on any qualified list, if so utilized by CITY, shall in no way be considered an exclusive agreement to provide service for CITY.

3. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the hourly rates as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Any proposed increase in the effective rates for future services must be preceded by at least a 90-day written notice to the contracting department. Total compensation shall not exceed six hundred thousand dollars per year (\$600,000.00) for an overall total compensation for the initial term not to exceed one million, two hundred thousand dollars (\$1,200,000.00). Total compensation for optional renewal years of this Agreement shall not exceed six hundred thousand dollars per year (\$600,000.00). Adjustment to the total compensation per year shall require a written amendment to this Agreement, subject to approval by the City Council.

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within

thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

4. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

5. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate

Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

- a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.
- b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

6. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

7. Prevailing Wages. For purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be

considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Contractor Registration. No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Agreement, CONSULTANT and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. CONSULTANT is hereby notified that this Agreement is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

9. Time is of the Essence. Time is of the essence of this Agreement.

10. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

11. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

12. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

13. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

14. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

15. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

16. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

17. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such

materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

18. Termination of Agreement. CITY may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. CONSULTANT understands that continuation of this Agreement past June 30th of any given year is contingent upon appropriation of funds for such purpose in the budget of the City of Roseville in the sole discretion of the City Council. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any MATERIAL, notwithstanding any termination or any dispute regarding the amount to be paid.

19. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California,

regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

22. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Mike Isom
Development Services Director
311 Vernon Street
Roseville, CA 95678

CONSULTANT

Brian Fragio, PE
Project Manager
1075 Creekside Ridge Drive, Ste. 200
Roseville, CA 95678

Either party may amend its address for notice by giving notice to the other party in writing.

23. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

[SIGNATURES ON FOLLOWING PAGE]

CITY OF ROSEVILLE, a
municipal corporation

PSOMAS, a California corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY:  _____
MIKE ISOM
Development Services Director

BY:  _____
its: VICE PRESIDENT

and

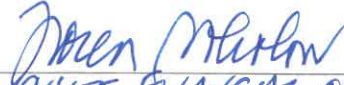
BY:  _____
its: CHIEF FINANCIAL OFFICER

EXHIBIT "A"

March 19, 2019

City of Roseville
Office of the City Clerk
c/o Jose Lopez
Civic Center
311 Vernon Street
Roseville, CA 95678

RE: City of Roseville On-Call Construction Inspection

Dear Office of the City Clerk,

Psomas is pleased to submit our proposal to provide construction inspection services for the current and upcoming Public Works and Development driven projects within the City of Roseville. Psomas understands that the range of services provided will be for a variety of project types including, but not limited to, new and existing infrastructure, private and public development subdivisions, major arterial roadways, capital improvement projects, Community Facility Districts, and Specific Plans.

Psomas is very familiar with the scope of work. At Psomas, our insight to providing a wide variety of experienced inspectors is one of our strengths. Our approach is to provide the right core group of "key" individuals who will be 100% committed to each specific project. This approach provides continuity and consistency, yet the flexibility to respond to the demands of construction. Our office is conveniently located in Roseville, and as you will see in our "Key Staff" section, the bulk of our staff lives within Placer County.

We are extremely proud of our accomplishments in construction inspection spanning over the past 20 years. The team we have selected to propose to the City is experienced, successful, and brings unmatched qualifications to a variety of different projects. We have provided construction inspection services on some of the largest roadway, water/sewer facilities and land development projects in Northern California.

Addendum Acknowledgement

We acknowledge receipt of Addendum No. 1 on March 13, 2019.

1075 Creekside Drive
Suite 200
Roseville, CA 95678-3504

Tel 916.788.8122
Fax 916.788.0600
www.Psomas.com

City of Roseville
On-Call Construction Inspection Services
March 19, 2019
Page 2 of 2

Authorized to Bind Statement - I, Frank Martin, a Principal of Psomas, am authorized to execute legal documents and the Master Services Agreement on behalf of Psomas. I have also attached the City's Proposer's Certification as requested on page 32 of our Proposal.

Primary Contact Information

Brian Frাগiao, PE- Project Manager
1075 Creekside Ridge Drive
Suite 200
Roseville, CA 95678
Office: (916) 788-8122 | Direct: (916) 788-4828 | Fax: (916) 788-0600
Email: Brian.Fragiao@psomas.com

Secondary Contact Information

Frank Martin, PE, QSP, ENV SP – Vice President/Deputy Project Manager
1075 Creekside Ridge Drive,
Suite 200
Roseville, CA 95678
Office: (916) 788-4992 | Mobile: (916) 871-4154 | Fax: (916) 788-0600
Email: fmartin@psomas.com

For the above reasons, we feel we are perfectly suited to assist the City on the CIP and Development related projects. The Psomas Team looks forward to continuing an excellent working relationship with the City and we thank you for the opportunity to propose on the City's On-Call Construction Inspection Services Request for Proposal.

Sincerely,

PSOMAS



Brian Frাগiao, PE
Project Manager



Frank Martin, PE, QSP, ENV SP
Vice President/Deputy Project Manager



SECTION

E

Services Plan

FIRM APPROACH

The Psomas Team will serve as the City's Representative and will utilize its past experience to work with the City's Project Manager, Construction Contractor(s), Developer(s), Developer's Representative(s) and the public to anticipate challenges and solve day-to-day issues, thus preventing them from escalating into problems. Our service is to provide quality assurance to the City for assets that will be constructed in City right-of-way or transferred the City upon completion of development related projects. The process of quality assurance includes, but is not limited to:



- Knowledge and implementation of City procedures, forms, protocol in initiating a project, monitoring performance, resolving problems, reviewing and approving submittals and closing out a project.
- Understanding the City's design and construction standards and integrating them into the performance of the construction work to ensure that the systems installed on public works and development projects meet the needs and expectations of City.
- Managing our services and other consultants that provide expertise to the City to effectively confirm quality without impacting the contractor's schedule and production.
- Constant communication with the City's representatives, and/or the Developer, and the construction contractor's and community will keep everyone informed on the status of the planned work, work in progress, issues of concern, potential problems, work in dispute, closing out, and transferring the assets to the City of Roseville.

The Psomas Team will monitor onsite construction activities and its potential impact to adjoining offsite tenants, as well as interpretation and enforcement of the requirements of the approved Plans and Specifications. Psomas will observe and assess the acceptability of the Contractor's provided materials and workmanship, and will also coordinate, schedule and provide all materials

and electrical testing, environmental oversight and maintain written and digital photographic documentation, as required. All assigned construction inspection staff shall be fully familiar with the City of Roseville's General Specifications, State of California Standard Specifications, and Caltrans' Test Methods. Additionally, Psomas will perform all activities in accordance with the following documents:

- City of Roseville General Specifications and Construction Standards
- City of Roseville Land Development Manual
- Design Guidelines and Development Standards
- Approved Project Plans and Specifications
- Regulatory Agency Permits
- State of California Standard Specifications
- California Test Methods
- Caltrans Manual of Traffic Control for Construction Maintenance Work Zones

It is important to note that our Psomas Construction Team has a very clear understanding that we are not managing construction contracts between the City and Contractors. Our role is to serve as the City's representative to assure that the infrastructure will be built to the quality standards required by the plans and standard specifications. **Our daily approach is to observe the construction activities as if we were employees of the City.** Using this "in your shoes" style of construction management promotes and ensures the quality of the infrastructure under construction.

Documentation of Pre-Construction Conditions

Prior to commencement of construction, Psomas' Team will document pre-construction conditions with both written notes, photographs, and video. This documentation is necessary to assure the project is restored to its pre-existing condition upon completion and to protect against potential claims.

For each project, Psomas proposes to meet with City staff and the Design Engineer (if applicable) to present a documentation plan prior to proceeding with taking photos or video. The purpose will be to gather feedback on specific areas of concern that could otherwise be overlooked. This will ensure a detailed level of documentation is provided.

Psomas will document pre-construction conditions using photographs, written notes and video. The entire site will be videotaped including any offsite areas that may be affected. Special or sensitive areas will be noted and extra documentation will be provided. Copies of all documentation, including photographs, notes and video, will be maintained in the field office. During project closeout this information will be given to the City's Project Manager and become property of the City.

Progress Meetings

Psomas will attend any pre-construction conferences prior to start of any construction to review contract documents and discuss coordination efforts with all entities involved. These meetings can establish managerial and administrative procedures, working relationships and outline expectations

to ensure a successful project for all. If requested, Psomas can prepare and distribute meeting agendas and minutes. If the project is divided into multiple phases of construction. It is our experience that pre-construction conferences for each phase are helpful as issues, requirements, personnel, etc. may be unique for each phase and pulling the team(s) together at the onset typically avoids confusion and maximizes efficiency of the start of each phase.

Psomas' Team can conduct or attend weekly progress meetings with all parties involved in the project. Pending and/or new items requiring resolution are discussed and all logs (i.e. submittal, RFI, correspondence, etc) are reviewed to track issues to resolution are typically discussed at these weekly meetings. Also, Psomas can meet with interested citizens, property owners, and nearby businesses or schools as necessary.

Scheduling Format and Adherence

Psomas will review each project's original CPM Schedule, any monthly updates, and look-ahead schedules submitted by contractors. Psomas will monitor schedule compliance and will alert the City's Project Manager of any schedule slippage. Three-week look-aheads will be used to schedule material services, specialty inspection, and inspection coordination with all involved stakeholders.

Submittals and Clarifications

As mentioned earlier, Psomas provides a thorough system of logging all correspondence, submittals and requests for information/clarification, utilizing its web-edited DTS. This system provides an accurate, up-to-date record of all interaction and is a very valuable tool, used at progress meetings, to review status of all items.

Psomas will log submittals received and, when appropriate, review and respond in a timely manner. In cases where the City or Project Manager must review the submittal, Psomas will briefly review for completeness then forward submittals to City Project Manager for review. Upon receipt of reviewed submittal, Psomas will forward responses to the appropriate parties.

It is clearly understood that we will not be responsible for approval of proposed revisions or clarifications of the plans. All revisions will be accepted, logged and directed and submitted to the City Project Manager. Clarifications will be accepted, logged and directed to the Design Engineer and/or City's Project Manager.

Field Inspection

The Psomas Team will provide competent and well trained field inspectors to observe the Contractors' construction work on a daily basis and monitor, document and enforce the conditions of the approved project plans and specifications. The field inspectors will be familiar and well informed with City of Roseville General Specifications as well as Caltrans Standard Specifications. Psomas will inspect all constructed facilities, prior to burial and observe all tests required to be performed by the Contractor or referenced in the plans and specifications

Psomas' Team is experienced and qualified to inspect all the items of work identified in the Specific Plans. These items of work include, but are not limited

Psomas' Data Tracking System (DTS) tracks all written correspondence

to, grading, environmentally sensitive issues, wet and dry utilities, canal encasements, traffic signalization, road construction, sewer facilities and park facilities.

As part of Psomas' dedication and commitment to quality and continuous improvements, we have developed an extensive list of over 30 Quality Control Checklists for use by the inspectors in their daily work. These checklists provide a guideline for items the inspector is to observe and document for various phases of construction, or major components of the work, and will be utilized on the projects.

In addition, our inspectors will document all special situations with digital photographs or video depending on what's most appropriate. Digital photographs will be taken on a regular basis to document the progress of the projects and will be stored and provided to the City in digital format on a regular basis or at the close of each project along with all other digital data on compact disc.

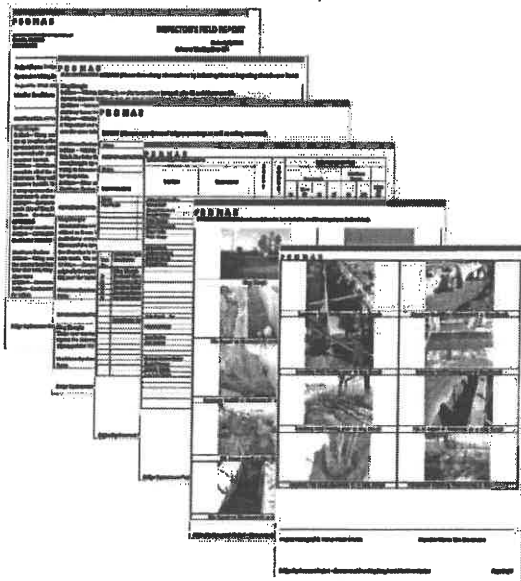
Inspection staff will coordinate and monitor all field and laboratory testing of soils, backfill, asphalt, concrete, sewer and water systems, traffic signals and other testing required by law and the approved plans and specifications. Our inspection staff will also coordinate and monitor all utility tie-ins, ensuring that appropriate representatives are present and testing and procedures required are conducted.

All equipment start-up and testing will be coordinated and we will ensure appropriate members of our team, as well as the City's, Contractor's and manufacturer's representatives are present. All field and laboratory testing will be coordinated, monitored, and results reviewed. The Psomas Team will see that any deficiencies are corrected.

The Psomas Team will prepare inspection reports and diaries of the Contractor's construction activities daily. On each first day of any working week, the previous week's daily reports and diaries will be submitted to the City's Project Manager. Psomas will document any defective work and maintain a log of this work until it is repaired to our satisfaction and the quality of such work is in accordance with the approved plans and specifications.

The daily inspection reports will include, at a minimum, the following information:

- Contractor activities
- Weather conditions
- Discussions with the Contractor
- Discussions with the Public
- Discussions with outside, overview agencies
- Problems and issues dealt with
- Changes
- Existing utility conflicts
- Manpower and equipment, only as determined to be pertinent



- Any other information necessary to create a satisfactory record of the day's activities at the project site in accordance with standard inspection practices.

All verbal instructions and pertinent conversations with Contractor/Developer representatives will be backed-up in writing, and will be justified by the approved plans and specifications. Additionally, if the Contractor's methods demonstrate a potentially unsafe operation, or hazard to persons or the construction work in place, it will be brought to the immediate attention of the Contractor, photographic documentation taken and noted in the inspector's daily report.

Bi-monthly summary reports will be discussed with the City's Project Manager prior to the start of any specific task order. Summary reports are typically completed and submitted monthly, and can include the following elements:

- A brief summary of the project status
- Schedule review
- Changes to plans/costs
- Photographs of key elements
- Discussion of construction management budget
- Any project issues/concerns

Final Completion and Acceptance – When the project reach substantial completion, Psomas will schedule "job walks" with the City Project Manager and will request input from all City Departments needed to prepare a project "punch list". This list will include all items required to be furnished, finished or corrected before project acceptance, and submit the list to the contractor. Following the Contractor's notice of satisfactory completion of punch list deficiencies, Psomas will conduct a final inspection. Once all items are complete, Psomas will submit to the City stating that to the best of our knowledge and belief, after diligent investigation including satisfaction of its other obligations under the agreement, the project has been completed in accordance with the Plans and Specifications and recommends acceptance.

Additionally, if requested, Psomas will prepare a Warranty Inspection Checklist, outlining items that we are aware of that deserve special consideration when the warranty inspection is performed.

Other Tasks

In addition to the above items, Psomas will provide the following.

1. We will monitor the Contractor's coordination with various utilities on an ongoing basis. All interaction with utilities will be documented in progress meetings and in daily reports.
2. Traffic Control and Erosion Control measures will be monitored on an ongoing basis.
3. All community complaints directed to Psomas will be dealt with to resolution. The public will be treated with the utmost respect and professionalism. Psomas understands the importance of a satisfied public. Especially when providing services to a public agency with an elected council.

Project Closeout

All original documents generated during the project will be provided to the City including daily inspection reports, summaries, reports, testing documents, meeting minutes, agendas, clarifications, schedules, correspondence, and all other documents generated during construction and installation.

The Psomas Team will review for accuracy draft record drawings of as-built changes submitted by the Engineer of Record. Upon Psomas' completed review, we will transmit the record drawings with any comments to the Engineer for use in preparing the final Record Drawings.

In addition, all digital documentation, including photographs in JPEG format, will be copied to a recordable CD-rom and transmitted to the City at closeout or upon request. All documentation will be in Microsoft Office '97 compatible format. .

Public Awareness Program

On some projects, especially publically sensitive projects, the need for a Public Awareness Program is essential. This program informs the general public, merchants and local businesses of the project, detouring, and scheduling during construction. If request, we can create and/or maintain a 24-hour "hotline" for projects with a higher degree of sensitivity. The Roseville office can produce flyers, brochures, newsletters, and in some cases, combine efforts with local newspapers, Chamber of Commerce and associations to not only provide local knowledge, but to create a friendly atmosphere of working with the public. If requested, a weekly or monthly newsletter circulation could provide notice to other agencies and merchants including the police, fire departments, hospitals, ambulances, schools, buses and local deliveries in the event of traffic detouring.

EXHIBIT "B"

Effective through June 30, 2021

**Construction Management Group
Northern California Region**

Hourly Rates

\$ 90 - \$ 105	- Administrative Assistant
\$ 65 - \$ 85	- Summer Student Intern
\$ 130.00	- Non-PW Construction Inspector (until 9/30/20)
\$ 136.00	- Non-PW Construction Inspector (10/1/19 – 6/30/20)
\$ 143.00	- Non-PW Construction Inspector (7/1/20 – 6/30/21)
\$ 165.00	- Prevailing Wage Construction Inspector (until 9/30/20)
\$ 171.00	- Prevailing Wage Construction Inspector (10/1/19 – 6/30/20)
\$ 178.00	- Prevailing Wage Construction Inspector (7/1/20 – 6/30/21)
\$135 - \$ 180	- Assistant RE / Office Engineer
\$185 - \$ 215	- Resident Engineer/Construction Manager
\$195 - \$ 235	- Senior Resident Engineer
\$200 - \$ 255	- Project Manager/Deputy Project Manager
\$235 - \$ 275	- Principal-In-Charge/Contract Manager

Reimbursables

Rates include miscellaneous related costs: overhead, fringe benefits (workers compensation, medical insurance, vacation, sick leave, etc.), home office administration, insurance, home office support, vehicle, cell phone, digital camera, supplies and standard tools and equipment. All other direct expenses will be billed at cost plus 10%.

The above schedule is for straight time. Overtime rates for prevailing wage inspection and non-prevailing wage will be charged at 129 percent of the standard hourly rates. Sundays and holidays will be charged at 170 percent of the standard hourly rates. Overtime for Resident Engineers, Project Managers, and Principal in charge will be charged at the standard hourly rate.

The rates above reflect planned increases to prevailing wage inspection rates on September 30, 2019 and July 1, 2020. At this time, it is unknown if there will be a prevailing wage increase after June 30, 2021. For other positions, a 3-5% increase for each staff person is typical and covered by the range bands shown above. The rate for Prevailing Wage Construction Inspector is in compliance with SB1999 pertaining to prevailing wage requirements at the time of this RFQ was advertised.

A shift which commences after 2:00pm or before 4:00am, during any twenty-four hour period, commencing at 12:01am is subject to a twelve and one-half percent (12.5%) differential.

RESOLUTION NO. 19-192

APPROVING AN ON-CALL PROFESSIONAL SERVICES AGREEMENT, BY AND
BETWEEN THE CITY OF ROSEVILLE AND 4LEAF, INC., AND AUTHORIZING THE
CITY MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, an on-call professional services agreement regarding on-call construction inspection services, by and between the City of Roseville and 4Leaf, Inc., has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

ON-CALL PROFESSIONAL SERVICES AGREEMENT

Construction Inspection Services

THIS AGREEMENT is made and entered into this ____ day of _____, 20____, by and between the City of Roseville, a municipal corporation ("CITY"), and 4Leaf, Inc., a California corporation ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY issued Request for Proposal for professional services consisting of on-call construction inspection services; and

WHEREAS, CONSULTANT has prepared a response to the Request for Proposal dated March 19, 2019 and amended on April 8, 2019, which describes the scope of services to be performed by CONSULTANT, and the hourly rates for performance of such services; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional construction inspection services on an on-call basis.

NOW, THEREFORE, the parties agree as follows:

1. Term. The term of this Agreement shall commence upon execution and expire on April 30, 2021. The City Manager may, in his or her discretion, elect to extend the Agreement in one (1) year increments for up to an additional two (2) years by giving CONSULTANT thirty (30) days advance written notice of each optional one (1) year renewal. Such extensions shall be memorialized by a written amendment to this Agreement.

2. Services. CONSULTANT shall perform, at the direction of CITY, the scope of the on-call services as described in EXHIBIT "A," attached hereto and incorporated herein by this reference. Individual tasks will be awarded by CITY on an as-needed basis. CITY may assign work to one, or more than one CONSULTANT from an approved qualified list. CITY reserves the right to unilaterally assign work to any consultant as it deems prudent or, if no services are required, no work. CITY makes no specific guarantee of a minimum or maximum number of hours or amount of tasks or services, which shall be required of any single CONSULTANT. In addition, the inclusion of any CONSULTANT on any qualified list, if so utilized by CITY, shall in no way be considered an exclusive agreement to provide service for CITY.

3. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the hourly rates as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Any proposed increase in the effective rates for future services must be preceded by at least a 90-day written notice to the contracting department. Total compensation shall not exceed six hundred thousand dollars per year (\$600,000.00) for an overall total compensation for the initial term not to exceed one million, two hundred thousand dollars (\$1,200,000.00). Total compensation for optional renewal years of this Agreement shall not exceed six hundred thousand dollars per year (\$600,000.00). Adjustment to the total compensation per year shall require a written amendment to this Agreement, subject to approval by the City Council.

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within

thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

4. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

5. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate

Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all worked performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

6. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

7. Prevailing Wages. For purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be

considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Contractor Registration. No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Agreement, CONSULTANT and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. CONSULTANT is hereby notified that this Agreement is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

9. Time is of the Essence. Time is of the essence of this Agreement.

10. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

11. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

12. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

13. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

14. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

15. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

16. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

17. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such

materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

18. Termination of Agreement. CITY may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. CONSULTANT understands that continuation of this Agreement past June 30th of any given year is contingent upon appropriation of funds for such purpose in the budget of the City of Roseville in the sole discretion of the City Council. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any MATERIAL, notwithstanding any termination or any dispute regarding the amount to be paid.

19. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California,

regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

22. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Mike Isom
Development Services Director
311 Vernon Street
Roseville, CA 95678

CONSULTANT

Bert Gross, PE
Vice President
8896 North Winding Way
Fair Oaks, CA 95628

Either party may amend its address for notice by giving notice to the other party in writing.

23. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20____, and CONSULTANT has caused this Agreement to be executed.

[SIGNATURES ON FOLLOWING PAGE]

CITY OF ROSEVILLE, a
municipal corporation

4LEAF, INC., a California corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY:  _____
MIKE ISOM
Development Services Director

BY:  _____
its: Kevin Duggan, Secretary

and

BY:  _____ 4/12/19
its: Gene Barry, Vice President

EXHIBIT “A”



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT • INSPECTION • PLAN CHECK

March 19, 2019

City of Roseville
311 Vernon Street
Roseville, CA 95678
Attn: Jose C. Lopez, Senior Engineer

Subject: Proposal to Provide On-Call Construction Inspection Services

Dear Mr. Lopez,

We are excited about the opportunity to submit our proposal to provide On-Call Construction Inspection Services for the City of Roseville.

On-Call contracts are 4LEAF's forte. We have provided On-Call CM and Inspection Services to many local municipalities on their public works and private development projects. We know how to deploy experienced staff on short notice, always keeping the City's interests at heart.

Our local, long term On-Call clients include Sacramento Regional Transit District, California State Parks, and several local municipalities, including **Roseville**. Our project experience includes CIP projects, **roadways**, **subdivisions** and public facilities.

QUALIFIED TEAM

Our proposed team brings experience on **private development projects for subdivisions (Fiddymont Ranch, Empire Ranch, Broadstone)** and commercial properties (Apple 2 Campus in Cupertino, Wynn Casino Hotel). These projects include site preparation, mass grading, utility installation, roadways, streetscape, hardscape, landscape, etc.

This team has also worked on several roadway and capital improvement projects involving utilities, storm drains, water/sewer systems, mass grading and earthwork.

CITY EXPERIENCE

Our City of Roseville experience includes providing inspections for the City Public Works and Community Development Departments. Our proposed **inspector Ed Netzel** served recently on several projects including Fiddymont Ranch, and worked well with the Orville Chatteron and the City team. We are also providing inspection to the City Parks, Recreation and Libraries Department. Our proposed **inspector Mike Manning** is currently performing inspections on numerous new park development projects including Nela Lukin and Stizzo Park. We look forward to an opportunity to perform on future projects.



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT • INSPECTION • PLAN CHECK

Our team is diligent about conforming to Caltrans standards as well as the City's QAP and unique requirements. We are familiar with Caltrans Standard Specs and the LAP Manual. Based on our proposed team's experience on a variety of similar projects, we believe we have exactly the right experience for this contract.

We acknowledge receipt of Addendum 1 on March 13; the acknowledgement form follows this letter.

Statement:

If selected by the City, 4LEAF will perform the services and adhere to the requirements described in the RFP, including addendum 1.

I will be your point of contact. As Vice President of 4LEAF, I am authorized to bind the corporation in contract. Feel free to reach out to me with any questions you may have. Again, thank you for the opportunity to work with you!

Sincerely,

Bert Gross, PE
Vice President

Cell: (916) 870-7191
Office: (916) 965-0010
Fax: (916) 965-0013
Email: bgross@4leafinc.com

TAB E –SERVICES PLAN

Having worked with numerous public agencies, we know how to take a project from conception to completion. Managing construction projects requires well-defined lines of communication to ensure that everyone is working together to move the project forward.

4LEAF is sensitive to this requirement and will work with the City to develop and implement **effective communication strategies** with all involved parties.

APPROACH TO SCOPE OF SERVICES

4LEAF provides comprehensive management with pre-construction, construction, and post-construction services. We understand this contract is for Inspection Services. This plan addresses general construction management services and inspection services in particular. We present our approach to the duties during each phase, depending on the specific project, and may include the following tasks:

PRE-CONSTRUCTION PHASE

- Become familiar with the project construction documents, contracts and schedules, and Caltrans guidelines
- Provide a **constructability review** of the plans and documents
- Manage Bid Process (assemble, advertise, review submitted proposals)
- Attend and provide assistance to the City at pre-bid meetings
- Prepare takeoffs of quantities from plans
- Prepare project documentation system capable of recording, logging, storing and retrieving information pertaining to all technical, financial and administrative aspects
- Establish and maintain Caltrans/Federal records and documentation
- Prepare Agenda for Pre-Construction Conference and distribute to all parties

- Conduct Pre-Construction Conference and prepare and distribute meeting minutes to all parties
- Establish coordination and communication procedures
- Become familiar with project environmental mitigation compliance and attend Worker Environmental Awareness Program, if required
- Establish procedures for receiving, logging and transmitting submittals, Requests for Information (RFI's) and Requests for Change (RFC's)
- Document Pre-Construction conditions with video and digital photographs
- Attend meetings as required with Owner and Engineer of Record
- Review utility work that is part of the contract and coordinate with utility companies/agencies
- Mobilize Construction Management team to project site

CONSTRUCTION PHASE

- Verify Contractor has obtained all necessary permits prior to commencing work
- Verify Contractor has necessary traffic control devices and obtained approval and/or permit from the City prior to commencing work
- Conduct Progress Meetings (usually weekly) with actions to be taken
- Prepare and issue Weekly Statement of Calendar/Working Days (per LAPM Exhibit 16-A)
- Prepare all agendas and minutes to meetings. Distribute to attendees and interested parties
- Provide prompt written resolution to issues, requests for information and/or clarification
- Assure that all submittals are reviewed and returned in a timely manner



- Review Contractor's construction schedule, request updates as appropriate and track delays or accelerations based on actual Contractor operations
- Provide verification survey if necessary to ensure the accuracy of horizontal and vertical control
- Prepare and process Change Orders and Finding of Fact for the City to execute
- Prepare monthly RE's report indicating site conditions, job status, conditions encountered, corrective measures taken, construction schedule update, current project cost and projection of costs including potential change orders, issues and resolutions
- Prepare process and recommend Pay Requests
- Receive and evaluate all Notices of Claims and make recommendations to Owner
- Provide Community Relations support, if required
- Receive Contractor certified payroll and monitor compliance.
- Provide accurate measured quantities and review Pay Estimates submitted by Contractor
- Review "As-Builts"
- Coordinate and schedule daily inspection
- Coordinate Owner furnished equipment with Contractor, where applicable
- Review and analyze concrete and soils test results
- Correspondence – review incoming letters, memos, etc. and respond where necessary on matters pertaining to the project

POST-CONSTRUCTION PHASE/PROJECT

CLOSE-OUT

- Coordinate and schedule Final Inspection with the City staff/contractor
- Create, monitor and verify completion of Punch List
- Prepare and recommend Final Payment Request
- Review As-Builts with Contractor and submit to the City
- Issue Notice of Substantial/Final Completion
- Receive Warranty/Guarantee letter and/or bond if required
- Prepare Caltrans Final Report (per Chapter 17 of LAPM)
- Transmit complete set of project files to the City
- Witness start-up and equipment testing, where applicable



INSPECTION SERVICES

The 4LEAF team will make on-site inspections to check the quality and quantity of the work performed by all trades and guard the City against defects and deficiencies in the work by the Contractor. As necessary, the 4LEAF team will inspect construction means, methods, techniques and sequences to evaluate the Contractor's compliance with the intent of the construction documents and recommend necessary remedial action to the Contractor as required.

The following represents the normal responsibilities associated with providing construction inspection during the construction phase of a project. The actual services are tailored to meet the specific needs of each project:

- Provide daily inspection and documentation of job-related activities
- Monitor and document Contractor's work for adherence to contract plans and specifications
- Prepare daily inspection reports
- Coordinate schedules for testing and surveying
- Document info for manpower, equipment, and time for extra or force account work
- Check grade and alignment
- Attend all necessary meetings
- Review certified payroll/pay estimates submitted by contractor, verify progress
- Labor Compliance Interviews
- Provide pictorial and/or video logbook of construction activities, and maintain separate "As-Builts"
- Report all discrepancies requiring corrective actions to the CM and/or owner
- Meet with contractor to review proposed work and schedule inspection
- Develop "Punch List" items and follow-up with corrective measures

QA/QC PROCESSES

Quality management is an integral part of the construction process. It involves the activities, checking and verifications that sustain process and procedure control and measure the performance characteristics during work in-progress and completion of work. We believe Quality Assurance has a place in each stage of the project's life.

- We will ensure Quality Assurance Plan compliance throughout the project's duration.
- We will oversee construction contractors' testing, including frequency of tests and retests, and will verify that the results meet the applicable contract specifications.
- We will maintain test reports and logs of any verification tests performed.
- We will maintain a non-Compliance Report (NCR) log and verify resolution of all issues.



Please refer to Tab C for the staff assigned to each role.

EXHIBIT "B"

**2019/2020 FEE SCHEDULE & BASIS OF CHARGES**

Position	Rate Range (\$/Hr)
Project Administrator	\$ 74
Construction Inspector - Prevailing Wage	\$152
Construction Inspector - Non-Prevailing Wage	\$138
Construction Manager and Resident Engineer	\$156
Project Manager	\$163
Environmental Engineer	\$156
Qualified SWPPP Developer (QSD)	\$141
Office Engineer	\$141
Staff Professional	\$163
Principal	\$165
Vehicle, 2-Wheel Drive.....	\$800/month
Vehicle, 4-Wheel Drive.....	\$1,200/month
Mileage, 2-Wheel Drive	\$0.60/mile

**All Fees Subject to Basis of Charges*

BASIS OF CHARGES

- A. Rates shown assume projects under this on-call contract will require compliance with California Prevailing Wage rate requirements and assumes the City will be filing a PWC-100 Form to the California Department of Industrial Relations (DIR) for the project.
- B. Rates for prevailing wage categories are subject to annual escalations in accordance with the bi-annual wage determinations from the California DIR. Rates based on California DIR's wage determinations dated 08-22-15.
- C. Per the new requirements being enforced under SB 854 and because it is assumed that a PWC-100 Form will be filed by the City to the CA DIR for each project, 4LEAF is required to notify an authorized Apprenticeship Committee through submittal of a DAS-140 form. We are then required to make an official request to an authorized Apprenticeship Committee for an apprentice by submitting a DAS-142 form. We are not assured the apprenticeship committee will be able to provide a suitable / qualified apprentice for the project. Per the apprenticeship requirements, the hours worked by the apprentice must be in a ratio of 1:5 for apprentice to journeyman hours. 4LEAF will not know the labor classification of the Public Works Apprentice until an Apprentice is dispatched to the site; therefore, the rates for the five Periods listed under the California DIR's Wage determination for Building Construction Inspector issued 08-22-2015 were used to determine the range of Calendar Year 2016 hourly rates for Public Works Inspector Apprentice.
- D. All invoicing will be submitted monthly.
- E. Overtime and Premium time will be charged as follows:

- Regular time (work begun after 5AM or before 4PM)	1 x hourly rate
- Night Time (work begun after 4PM or before 5AM)	1.125 x hourly rate
- Overtime (over 8 hours M-F or Saturdays)	1.35 x hourly rate
- Overtime (over 8 hours Sat or 1 st 8 hours Sun)	1.75 x hourly rate
- Overtime (over 8 hours Sun or Holidays)	2.0 x hourly rate
- F. Site work is subject to an 8-hour minimum.
- G. Payment due on receipt. All payments over 30 days will be assessed a 1.5% interest charge.
- H. Rates are valid through 6/30/2021.





COUNCIL COMMUNICATION

CC #: 9993

File #: 0400-04-12 & 1008

Title: Village at Sierra Vista - City/Developer Reimbursement Agreement

Contact: Matthew Todd 916-774-5562 mtodd@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.13.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution to approve a reimbursement agreement between the City and John Mourier Construction, Inc. for the construction of public improvements beyond the scope of the developer's subdivision improvements associated with the Villages at Sierra Vista Project, and authorize the City Manager to execute it.

BACKGROUND

On May 19, 2010, a development agreement was entered into between the City and Mourier Investments, LLC, also known as John Mourier Construction, Inc. (JMC), for the Sierra Vista Specific Plan, (SVSP), (Ordinance No. 4834). Per Sections 3.5.2 (Arterial Roadways), 3.5.7 (Traffic Signals), and 3.5.16 (Fee Credits/Reimbursement for Construction of capital improvement projects) of the subject development agreement, all improvement identified within the Capital Improvement Program (CIP) and constructed by the developer are subject to reimbursement from the City with Traffic Mitigation Fees (TMF). TMF funds are held in two separate TMF accounts, including a designated "Set-Aside" account to specifically fund the CIP improvements for the Sierra Vista properties. However, per section 3.5.2(a) of the development agreement, the City is obligated to reimburse the developer with City TMF funds for Vista Grande Boulevard CIP improvements, in lieu of Sierra Vista Specific Plan set-aside TMF funds. Additionally, specific Baseline Road improvements identified within the development agreement qualify for reimbursement through the City-County Traffic Mitigation Fee Program (City-County TMF).

The reimbursement agreement identifies the CIP eligible improvements required to be constructed by the developer and authorizes staff to process reimbursements incrementally as the improvements are completed to the satisfaction of the City on a phased approach. Payments to the developer shall be made within thirty (30) days from City acceptance based upon invoices for actual work constructed as described in the development agreement.

FISCAL IMPACT

The total reimbursement from the City to JMC is equal to \$2,131,495.87 and is split between the funds as follows; \$689,527.08 from the City TMF, \$1,142,009.35 from the Sierra Vista Specific Plan TMF Set-Aside, and \$299,959.44 from the City-County TMF. All funding sources are funded through development fees collected. There is no fiscal impact to the City's General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

Note a national economic development study has shown that 1 job is created for every \$92,000.00 invested in public projects.

ENVIRONMENTAL REVIEW

Development of these infrastructure improvements were identified in the traffic model update evaluated with the Sierra Vista Specific Plan Environmental Impact Report (EIR), on May 10, 2010, (SCH#2008032115). Construction of these CIP roadways are found to be within the scope of the CIP improvements covered by the Sierra Vista Specific Plan Final EIR. The project is consistent with the updated base traffic model and the CIP update as analyzed with the Sierra Vista Specific Plan Final EIR, and no new effects are expected to occur. As such, no additional environmental documentation is required.

Respectfully Submitted,

Matthew Todd, Principal Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-187

JMC Reimbursement Agreement

RESOLUTION NO. 19-187

APPROVING A CITY/DEVELOPER REIMBURSEMENT AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a City/Developer Reimbursement Agreement for The Village at Sierra Vista – CIP Work project, by and between the City of Roseville and John Mourier Construction, Inc., has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville; and

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY/DEVELOPER
REIMBURSEMENT AGREEMENT
(Project: The Villages at Sierra Vista – CIP Work)

THIS REIMBURSEMENT AGREEMENT ("Agreement") is made and entered into this ____ day of _____, 2019, by and between the City of Roseville, a municipal corporation, ("CITY") and John Mourier Construction, Inc., a California corporation ("DEVELOPER"); and

WITNESSETH:

A. DEVELOPER is the owner of a certain parcel of real property under development within the City of Roseville described as Assessor's Parcel Number 498-010-053-000.

B. DEVELOPER has agreed to construct and install certain Public Improvements as shown within Exhibit "A" and described within Exhibit "B," attached hereto and made part of this Agreement ("Public Improvements").

C. DEVELOPER and CITY will substantially benefit from the construction and installation of the Public Improvements as described in paragraph B above.

D. The total cost of constructing the Public Improvements as estimated using current prevailing wages and in accordance with the Improvement Plans is estimated at approximately Two Million One Hundred Thirty-One Thousand Four Hundred Ninety-Five Dollars and Eighty-Seven Cents (\$2,131,495.87) ("Improvement Costs"), as more particularly set forth in Exhibit "C" ("Breakdown of Costs") attached hereto and made part of this Agreement.

E. Pursuant to the Breakdown of Costs, the parties have determined that the obligation of Improvement Costs will be allocated between CITY and DEVELOPER as follows:

DEVELOPER	\$0
CITY TMF ¹ FUND	\$689,527.08
CITY TMF SET-ASIDE FUND	\$1,142,009.35
CITY/COUNTY FEE	\$299,959.44
TOTAL	\$2,131,495.87

F. DEVELOPER and CITY desire to enter into this Agreement providing for the direct installation by DEVELOPER of the Public Improvements in accordance with the approved Improvement Plans, for subsequent reimbursement of the total Improvement Costs by CITY directly to DEVELOPER.

NOW, THEREFORE, in consideration of the covenants set forth herein, CITY and DEVELOPER hereby agree as follows:

1. Construction of the Public Improvements. DEVELOPER shall cause the Public Improvements to be constructed and installed in accordance with the approved Improvement Plans. DEVELOPER is also required, and the specifications and bid and contract documents shall require all contractors and subcontractors, to pay prevailing wages and to otherwise comply with applicable provisions of the California Labor Code, Government Code, and Public Contracts Code relating to public works projects of cities and/or as may be required by CITY standards and procedures.

2. Contractor Registration. No contractor or subcontractor may be listed on a bid proposal for the Public Improvements or work on the Public Improvements unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

¹ TMF refers to the Traffic Mitigation Fee established in Chapter 4.44 of the Roseville Municipal Code.

DEVELOPER shall be responsible for ensuring that these contractor registration requirements are adhered to since this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

3. Reimbursement of the Costs of the Public Improvements. In consideration of the satisfactory completion of the Public Improvements, CITY shall reimburse DEVELOPER for those portions of the Improvement Costs attributable to CITY as set forth in Recital E, hereof (the "Reimbursable Costs"). CITY and DEVELOPER acknowledge that the actual Reimbursable Costs may vary from the estimated costs, depending upon the actual costs of constructing and installing the Public Improvements. Any variation in costs shall be agreed to by the parties.

The Reimbursable Costs shall include the contract bid amount for the Public Improvements as reflected in the Breakdown of Costs and reasonable change orders, as approved by CITY.

CITY TMF Set-Aside Fund reimbursement includes reimbursement via fee credits, which shall be applied to the first two hundred and sixty-three (263) single family building permits within the subdivisions of JM-02, JM-03, and JM-20, for a total credit amount of six hundred fifty-two thousand six hundred thirty-four dollars and fifty cents (\$652,634.50).

4. Timing of Reimbursements. CITY shall reimburse DEVELOPER for the total Reimbursable Costs following acceptance by CITY of the Public Improvements and within thirty (30) days after submission by DEVELOPER and approval by CITY of itemized invoices evidencing the costs for which reimbursement is to be provided in accordance with this Agreement. DEVELOPER is eligible to receive progress payments upon completion and conditional acceptance of construction milestones by CITY.

5. Permits. DEVELOPER shall be responsible for obtaining all necessary permits. CITY shall approve all plans prior to issuing any permit.

6. Changes in the Scope of Work. If during the course of construction field conditions require a change of scope different than contemplated in either Exhibit "A," "B," or "C" hereto, and prior to making any changes that will affect the scope of this Agreement, DEVELOPER shall contact CITY and get approval by CITY for those changes.

7. Prior to Commencement of Work. Prior to commencement of each portion of the Work, DEVELOPER shall comply with the following: (1) obtain pre-approval from CITY of DEVELOPER's construction documents; (2) cause its contractor to obtain an encroachment permit from City prior to commencement of construction activities in CITY's right of way (and adjacent thereto); and, (3) cause its contractor to provide insurance and related documentation to CITY in accordance with Paragraph 9 of this Agreement. In addition, as required by California Labor Code Section 1773.3, DEVELOPER shall notify the Department of Industrial Relations of the project within five (5) days of the award of a contract to a contractor for the Public Improvements.

8. Indemnification. To the fullest extent allowed by law, DEVELOPER shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of DEVELOPER's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole or

active negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

DEVELOPER's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

9. Insurance. Prior to the issuance of an encroachment permit and commencement of any field construction for those certain improvements as shown on Exhibit "A," DEVELOPER shall, or shall cause its contractor to, have on file with CITY throughout the duration of construction and maintain in full force the following policies of insurance:

<u>POLICY</u>	<u>LIMITS OF LIABILITY</u>
Commercial General Liability, Including endorsements for comprehensive form, premises operations, products/completed operations, broad form property damage, independent contractors, contractual, personal injury, explosion/collapse and underground hazard	Bodily Injury: \$2,000,000 each occurrence \$4,000,000 aggregate Property Damage: \$2,000,000 each occurrence Personal Injury: \$2,000,000 each occurrence \$4,000,000 aggregate
Workers' Compensation	Statutory
Automobile Liability	\$1,000,000 combined single limit

a. Form. DEVELOPER shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. DEVELOPER shall also provide a separate endorsement form or section of the Commercial General Liability and Automobile Liability

policies showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, prior to undertaking any work hereunder. Such insurance shall specifically cover the contractual liability of DEVELOPER. The additional insured coverage under DEVELOPER's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. DEVELOPER shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Contractors. DEVELOPER agrees to include in its contracts with all contractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the contractor's work. Furthermore, DEVELOPER shall require its contractors to agree to be bound to DEVELOPER

and CITY in the same manner and to the same extent as DEVELOPER is bound to CITY under this Agreement. Additionally, DEVELOPER shall obligate its contractors to comply with these same provisions with respect to any subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the contractor or any subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. DEVELOPER hereby agrees to waive subrogation which any insurer of DEVELOPER may acquire from DEVELOPER by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by DEVELOPER, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve DEVELOPER of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

10. Obligations Arising From Agreement. Neither the General Fund, nor any other fund or monies of CITY, except for Roseville Traffic Mitigation Fees or similar traffic mitigation funds or accounts, shall be utilized for payment of any obligations arising from this Agreement. Neither the credit nor the taxing power of CITY is pledged for the payment of any obligations arising from this Agreement. CITY's obligations arising from this Agreement are not a debt of CITY, or a legal or equitable pledge, charge, lien or encumbrance upon any of its property, or upon any of its income, receipts or revenues.

11. Successors and Assigns. Each and every provision of this Agreement shall be binding and inure to the benefit of the successors and assigns of the parties hereto.

12. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance thereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorneys' fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

13. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

14. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

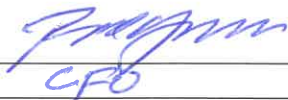
15. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 2019, and DEVELOPER has caused this Agreement to be executed.

CITY OF ROSEVILLE,
a municipal corporation

JOHN MOURIER CONSTRUCTION,
INC., a California corporation

BY: _____
DOMINICK CASEY
City Manager

BY: 
its: _____

and

ATTEST:

BY: _____
its: _____

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: 
MARC STOUT
City Engineer

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Placer

On 4-10-19 before me, Karen Headley a Notary Public, personally appeared Rod Yamanaka, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

Name: _____

(Typed or Printed)

(Seal)

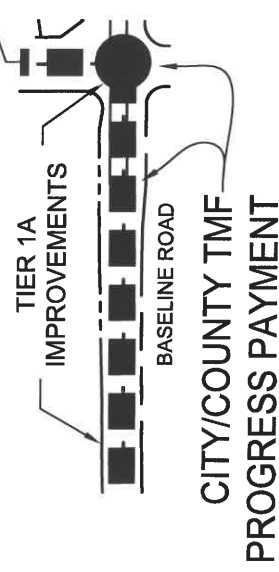
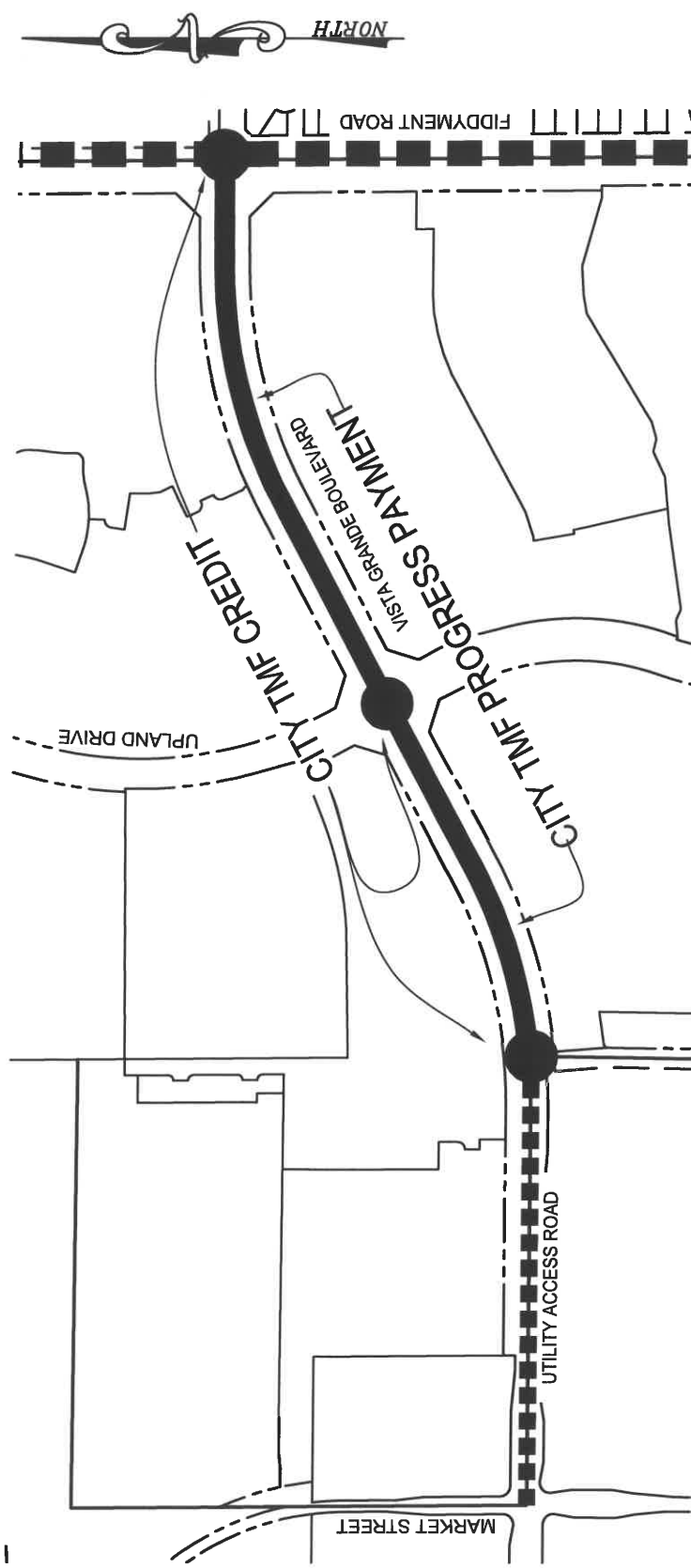


EXHIBIT A
DEPICTION OF PUBLIC IMPROVEMENTS

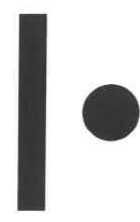
Exhibit “A”

THE VILLAGES AT SIERRA VISTA PUBLIC IMPROVEMENTS

CAPITAL IMPROVEMENTS PROGRAM PAVEMENT EXHIBITS



LEGEND

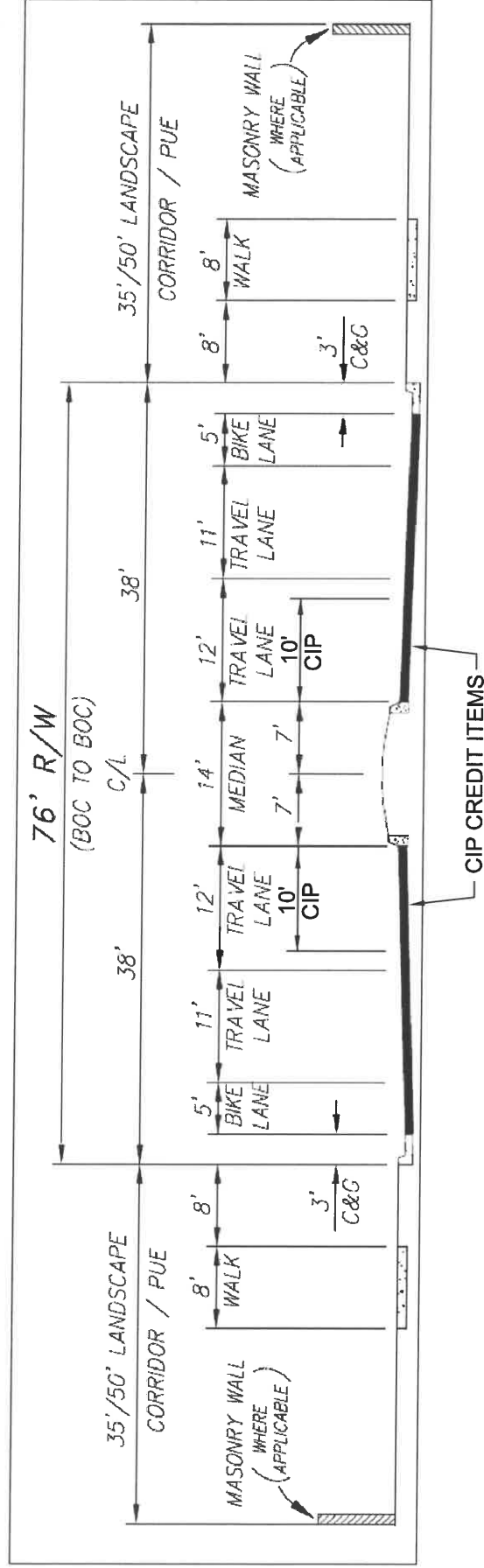


4, 6, OR 8 LANE ARTERIAL STREET

TRAFFIC SIGNAL

EXHIBIT A

ROAD IMPROVEMENTS
REIMBURSEMENT AGREEMENT
FOR
THE VILLAGES AT SIERRA VISTA
CITY OF ROSEVILLE
JANUARY, 2019
SHEET 1 OF 2
NTS



TYPICAL SECTION - VISTA GRANDE

76' STREET SECTION
NOT TO SCALE

EXHIBIT A
VISTA GRANDE BOULEVARD
ROAD IMPROVEMENTS
REIMBURSEMENT AGREEMENT
FOR
THE VILLAGES AT SIERRA VISTA
CITY OF ROSEVILLE
JANUARY, 2019
SHEET 2 OF 2
NTS



PROJECT
2 OF 3
SHEETS
12-11-79
CIP PAVEMENT
EXHIBIT
CITY OF ROSEVILLE
PLACER COUNTY
CALIFORNIA

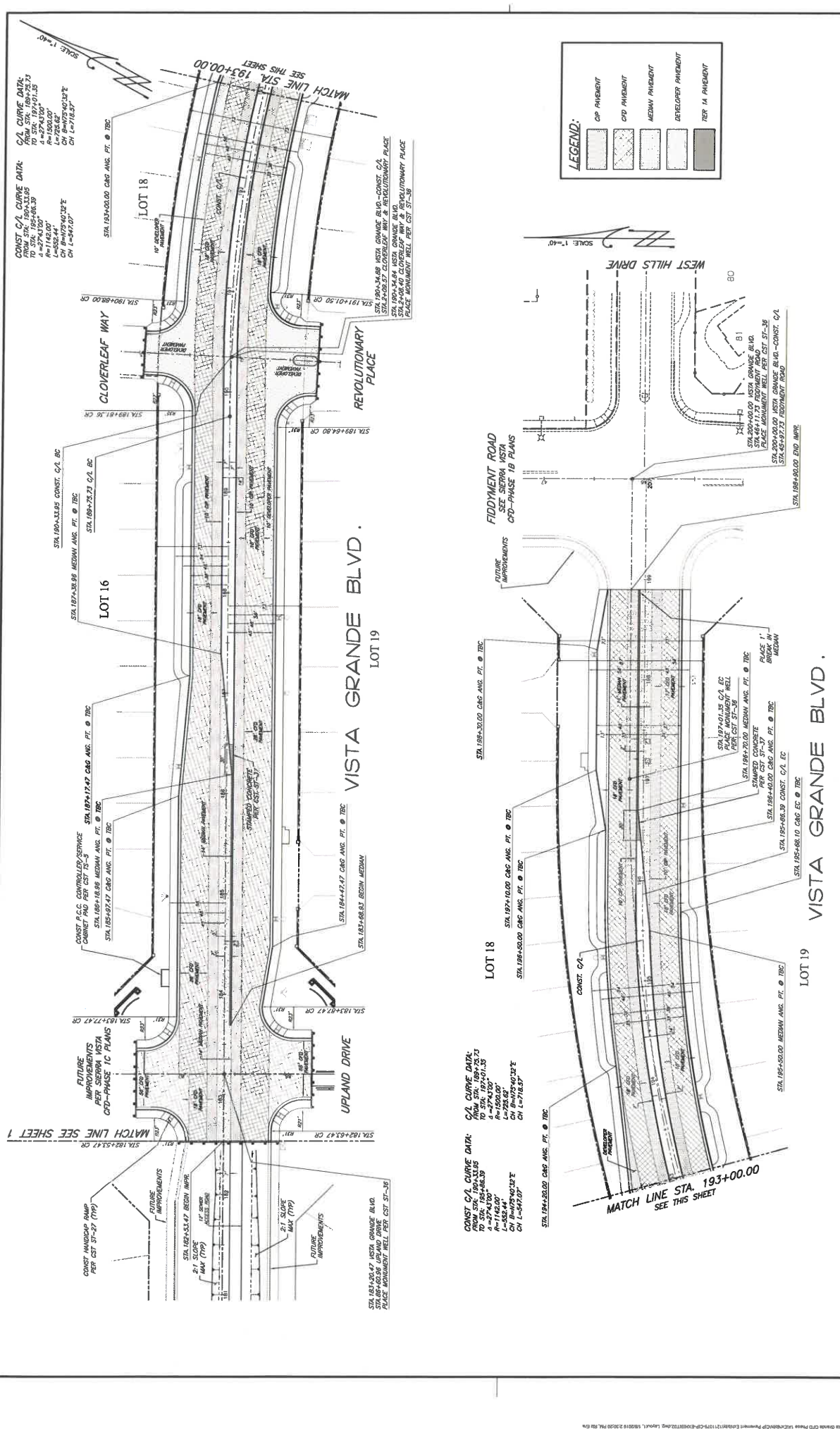
BAKER-WILLIAMS ENGINEERING GROUP
Engineers (Surveying / Land Planning / Engineering) / GPS Services
5020 Railroad Drive, Suite 100 - Carmichael, CA 95608
(916) 331-4338 - fax (916) 331-4435 - office@bakerwilliams.com

BW
designed by: S.F.L.
checked by: S.F.L.
date: 12/2017
609
Title: 609

ADJUT DATE: 01-08-18
SCALE: 1"=40'
DATE: 12/2017
DATE: 12/2017
DATE: 12/2017

NO.	DESCRIPTION	DATE	BY	CHK	APP
1	DESIGN	01-08-18	S.F.L.		
2	CHECK	01-08-18	S.F.L.		
3	APPROVE	01-08-18	S.F.L.		

USDA BARBER MATOS RICE 44852
(SEE SHEET NO. 1)



LEGEND:

- CIP PAVEMENT
- CPD PAVEMENT
- MEDIAN PAVEMENT
- DEVELOPER PAVEMENT
- TER 1A PAVEMENT

CONST. C/A CURVE DATA:
FROM STA. 189+33.85
TO STA. 190+00.00
R=1500.00'
A=27°43'00"
CH B=1079'40.13'E
CH L=718.37'

VISTA GRANDE BLVD.

VISTA GRANDE BLVD.

CONST. C/A CURVE DATA:
FROM STA. 189+33.85
TO STA. 190+00.00
R=1500.00'
A=27°43'00"
CH B=1079'40.13'E
CH L=718.37'

MARKET STREET-SEWER

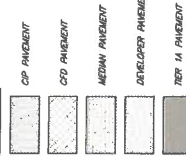
FD-41

LOT 13

SKIPPERLING STREET

LOT 14

LEGEND:



MATCH LINE STA. 167+00.00
SEE SHEET NO. 1

VISTA GRANDE BLVD-SEWER ACCESS ROAD

DP-20

CG-31

STA 158+56.57 VISTA GRANDE BLVD.
STA 46+11.79 MARKET STREET

SIERRA VISTA FEE PROGRAM
CITY/COUNTY CIP TIF PROGRESS PAYMENTS
4,550 SF
3,436 SF

SCALE: 1"=40'

FIDDYMENT ROAD

PROPOSED TIER 1A PAVEMENT

BASELINE ROAD



benchmark CIP BM-71 elev. 122.34

(SEE SHEET NO. 1)

USA BARBER MATTOS RCEI #44852

DATE: 01-08-18

SCALE: 1"=40'

DESIGNED BY: S/L

12/2017

609

field book

609

field book

609

609

609

609

609

609

609

BW BAKER-WILLIAMS ENGINEERING GROUP
Engineering / Surveying / Land Planning / Engineering / Construction / GPS Services
5020 Ruess Drive, Suite 100 - Carmichael, CA 95606
(916) 351-4335 - fax (916) 351-4430 - office@bakerwilliams.com

VISTA GRANDE BLVD-SEWER ACCESS ROAD & BASELINE ROAD
SIERRA VISTA CIP PAVEMENT EXHIBIT
CITY OF ROSEVILLE PLACER COUNTY CALIFORNIA

12-11-17
SHEET NO. 3 OF 3
JOB NUMBER

EXHIBIT B
DESCRIPTION OF PUBLIC IMPROVEMENTS

Exhibit “B”

Public Improvements

Sierra Vista CIP Public Improvements for the Villages at Sierra Vista

The Public Improvements, as shown in Exhibit "A" *Sierra Vista CIP Pavement Exhibits*, are a portion of work included in the following Baker-Williams Engineering Group Improvement Plans, approved on March 27, 2018:

- Improvements Plans For Sierra Vista CFD – Phase 1A
- Improvements Plans For Sierra Vista CFD – Phase 2A
- Improvements Plans For Sierra Vista CFD – Phase 1B(Revision #2 Add Tier 1A Improvements)

The Public Improvements being constructed for the Villages at Sierra Vista include traffic signals and pavement for the inside lanes of Vista Grande Boulevard, which are further described below.

Signals

1. Signal improvements will be installed at the intersection of Fiddymment Road and Westhills Drive/Vista Grande Boulevard. Existing conduits, wires and loops will be modified to complete the signal improvements.
2. Partial signal improvements such as conduit, loops, cables, poles and appurtenances will be installed at the intersection of Vista Grande Boulevard and Upland Drive as specified in the Development Agreement.
3. Partial signal improvements such as conduit, loops, cables, poles and appurtenances will be installed at the intersection of Vista Grande Boulevard and Monarch Grove Street/Bramblewood Way as specified in the Development Agreement.
4. Partial signal improvements for the Interim Tier 1A signal modification will be installed at the intersection of Fiddymment Road and Baseline Road/Walerga Road as specified in the Development Agreement. Existing conduits, wires, loops and signal heads will be modified to add a second left turn lane on the west and east legs of the intersection.

Vista Grande Boulevard Pavement

1. The full pavement section of 5" AC, 15" AB will be placed on the 10' wide east and west bound inside lanes of Vista Grande Boulevard from station 182+53-198+90.
2. The partial pavement section of 3" AC, 15" AB will be placed on the 10' wide east bound inside lane of Vista Grande Boulevard from station 158+26-182+53. This pavement serves as the sewer access road. The final 2" AC lift will be placed when the Vista Grande Boulevard improvements are completed.

Baseline Road Pavement

1. The full pavement section of 5" AC, 25" AB will be placed on the north side of Baseline Road from stations 989+75-997+20 to widen the pavement per Exhibit M-2 "Baseline/Fiddymont Tier 1A Improvement" as shown in the Development Agreement.
2. Striping to delineate the additional left turns and reconfiguration of all lanes will be done from stations 989+75-1008+00.

EXHIBIT C
BREAKDOWN OF COSTS

Exhibit “C”

Breakdown of Costs for:

TMF Progress Payments	\$ 689,527.08
TMF Credits	\$1,142,009.35
<u>City/County TMF Progress Payments</u>	<u>\$ 299,959.44</u>
Total	\$2,131,495.87

City Progress Payment Breakdown

Description		CIP Streetwork	Cumulative Total
Vista Grande Blvd Segment 1		\$ 522,369	\$ 522,369
		TOTAL	\$ 522,369

Estimate Subtotal:	\$	522,369.00
Contingency (10%)	\$	52,236.90
Subtotal	\$	574,605.90
Engineering Design (5%)	\$	28,730.30
Construction Staking (3%)	\$	17,238.18
Soils/Geo Technical/SWPPP (3%)	\$	17,238.18
City Plan Check and Inspection (5%)	\$	28,730.30
Construction Management (4%)	\$	22,984.24
Estimated Project Total:	\$	689,527.08

City Progress Payment Breakdown

Sierra Vista Specific Plan
Pavement Vista Grande Blvd.
City TMF Progress Payment

No.	Description	Quantity	Units	Unit Price	Amount
Street work-CIP Pavement:					
1	Clearing and Grubbing ¹	1.62 AC	AC	\$ -	\$ -
2	Erosion Control ¹	1.62 AC	AC	\$ -	\$ -
3	Roadway Excavation ¹	7,699CY	CY	\$ -	\$ -
4	Roadway Finish Grading	71,170	SF	\$ 0.60	\$ 42,702.00
5	Vista Grande Blvd. Paving - (5" AC, 15" AB)	46,890	SF	\$ 6.70	\$ 314,163.00
6	VG Sewer Access Road 1st Lift Pavement (3" AC, 15" AB)	24,280	SF	\$ 6.00	\$ 145,680.00
7	Vista Grande Blvd. 2nd Lift Paving - (2" AC top lift)	14,160	SF	\$ 1.40	\$ 19,824.00
Subtotal				\$	522,369.00
				Estimated Total:	\$ 522,369.00

1. Item not reimbursable from TMF. Fee Program Reimbursement may be available.

Estimate Subtotal:	\$	522,369.00
Contingency (10%)	\$	52,236.90
Subtotal	\$	574,605.90
Engineering Design (5%)	\$	28,730.30
Construction Staking (3%)	\$	17,238.18
Soils/Geo Technical/SWPPP (3%)	\$	17,238.18
City Plan Check and Inspection (5%)	\$	28,730.30
Construction Management (4%)	\$	22,984.24
Estimated Project Total:	\$	689,527.08

Description	CIP Streetwork	Cumulative Total	
Signals on Vista Grande Blvd	\$ 865,159	\$ 865,159	
	TOTAL	\$ 865,159	

Estimate Subtotal:	\$	865,158.60
Contingency (10%)	\$	86,515.86
Subtotal	\$	951,674.46
Engineering Design (5%)	\$	47,583.72
Construction Staking (3%)	\$	28,550.23
Soils/Geo Technical/SWPPP (3%)	\$	28,550.23
City Plan Check and Inspection (5%)	\$	47,583.72
Construction Management (4%)	\$	38,066.98
Estimated Project Total:	\$	1,142,009.35

TMF Credit Breakdown

Sierra Vista Specific Plan
Signals
City TMF Credit

No.	Description	Quantity	Units	Unit Price	Amount
Street work-CIP Traffic Signals:					
1	Traffic Signal CFD 1A & 1B	2	EA	\$ 300,000.00	\$ 600,000.00
2	Traffic Signal CFD 2A	1	EA	\$ 245,000.00	\$ 245,000.00
3	Add Luminaires to signal poles	1	LS	\$ 18,150.00	\$ 18,150.00
4	Replace R73-3 Sign on pole G for CFD B signal modification	1	EA	\$ 2,008.60	\$ 2,008.60
Subtotal				\$	865,158.60
				Estimated Total:	\$ 865,158.60

Estimate Subtotal:	\$	865,158.60
Contingency (10%)	\$	86,515.86
Subtotal	\$	951,674.46
Engineering Design (5%)	\$	47,583.72
Construction Staking (3%)	\$	28,550.23
Soils/Geo Technical/SWPPP (3%)	\$	28,550.23
City Plan Check and Inspection (5%)	\$	47,583.72
Construction Management (4%)	\$	38,066.98
Estimated Project Total:	\$	1,142,009.35

City/County Progress Payment Breakdown

Description			C/P Streetwork	Cumulative Total
Tier 1A Widening & Signal Modification Baseline & Fiddymment			\$ 227,242	\$ 227,242
TOTAL			\$	\$ 227,242

Estimate Subtotal:	\$	227,242.00
Contingency (10%)	\$	22,724.20
Subtotal	\$	249,966.20
Engineering Design (5%)	\$	12,498.31
Construction Staking (3%)	\$	7,498.99
Soils/Geo Technical/SWPPP (3%)	\$	7,498.99
City Plan Check and Inspection (5%)	\$	12,498.31
Construction Management (4%)	\$	9,998.65
Estimated Project Total:	\$	299,959.44

Sierra Vista Specific Plan
City/County TMF Progress Payment
Tier 1A Baseline & Fiddlyment

No.	Description	Quantity	Units	Unit Price	Amount
Street work- Pavement & Traffic Signal Modification:					
1	Clearing and Grubbing ¹	0.11	AC	\$ -	\$ -
2	Erosion Control ¹	0.11	AC	\$ -	\$ -
3	Roadway Excavation	399	CY	\$ 25.00	\$ 9,975.00
4	Roadway Finish Grading	3,436	SF	\$ 0.60	\$ 2,061.60
5	Sawcut	677	LF	\$ 3.50	\$ 2,369.50
6	Remove & dispose of Existing Pavement	1,100	SF	\$ 4.50	\$ 4,950.00
7	Baseline Road. Paving - (5" AC, 15" AB)	0	SF	\$ -	\$ -
8	Baseline Road. Paving - (5" AC, 25" AB)	3,436	SF	\$ 16.00	\$ 54,976.00
9	Signage & Striping	5,873	LF	\$ 4.25	\$ 24,960.25
10	Traffic Control	1	JOB	\$ 25,000.00	\$ 25,000.00
11	Traffic Signal Modification	1	JOB	\$ 72,500.00	\$ 72,500.00
12	Grind and pave for loops SW corner Baseline & Walerga	1	JOB	\$ 30,450.00	\$ 30,450.00
Subtotal				\$	227,242.35
				Estimated Total:	\$ 227,242.35

1. Item not reimbursable from TMF. Fee Program Reimbursement may be available.

Estimate Subtotal:	\$	227,242.35
Contingency (10%)	\$	22,724.24
Subtotal	\$	249,966.59
Engineering Design (5%)	\$	12,498.33
Construction Staking (3%)	\$	7,499.00
Soils/Geo Technical/SW/PPP (3%)	\$	7,499.00
City Plan Check and Inspection (5%)	\$	12,498.33
Construction Management (4%)	\$	9,998.66
Estimated Project Total:	\$	299,959.90



COUNCIL COMMUNICATION

CC #: 9997
File #: 0721-01

Title: Roseville Short Range Transit Plan Adoption
Contact: Mike Dour 916-746-1304 mdour@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.14.

RECOMMENDATION TO COUNCIL

The Transportation Commission recommends the City Council approve a resolution adopting the Roseville Short Range Transit Plan 2018-2025.

BACKGROUND

The Roseville Transit Short Range Transit Plan 2018-2025 (SRTP) provides a multi-year plan for operations and capital investment strategies to better address changing transit needs over the next five to seven years. Development of the SRTP was conducted by the Placer County Transportation Planning Agency (PCTPA) in coordination with Roseville staff. A robust public participation program was used to capture community values and needs. Public outreach notices were provided in both English and Spanish. The outreach efforts included:

- An on-line survey,
- 1,473 completed on-board surveys,
- Virtual community workshop with 436 participants,
- Pop-up workshops at key bus transfer center locations with 25 responses,
- Continuous outreach by email to 2,680 stakeholders, and
- Presentations at four PCTPA board meetings, plus one at the Placer Community Collaborative Network, and one at the Roseville Transportation Commission.

The resultant SRTP evaluates a range of operational, capital, financial and management alternatives for Roseville Transit in Chapters 8-10. The alternatives were analyzed for their potential to provide needed mobility services while effectively and efficiently using the limited resources available to Roseville Transit. Effectiveness and efficiency are measured by looking at how the various alternatives would influence ridership, fare box revenue, operating costs, and operating subsidy. The end result of this evaluation is the Service Plan contained in Chapter 11. The Service Plan is discussed in detail in the February 19, 2019 report to the Transportation Commission (attached) and is summarized below.

Local Service: Roseville Transit Local service operates eleven routes traveling on fixed routes and schedules within the City of Roseville, Monday through Saturday. The key recommendation is

to modify several underperforming routes, most notably the C/G/E/F routes that travel through south Roseville, along Douglas Boulevard and Sierra College Boulevard, to the Sierra College campus in Rocklin, returning to Roseville via I-80. The SRTP Service Plan provides options for modifying these routes. These include:

- Removing unproductive segments, including potential for eliminating Roseville Transit service to Sierra College in Rocklin (service to Sierra College in Rocklin would still be provided between Roseville and the college by Placer County Transit); or
- Eliminate routes G/F/E, combine routes C and L, and offset the loss of service in east Roseville through a service agreement with a Transportation Network Company (TNC, such as Uber or Lyft).

Staff will analyze these options in a more detailed route optimization study.

Commuter Service: Roseville Commuter service currently offers ten morning and ten afternoon routes between Roseville and employment sites located in downtown Sacramento during peak commute hours. Due to the success of the commuter service, the key recommendation of the SRTP for commuter service is to increase capacity by adding two (2) routes in the morning, and two routes in the afternoon. See the Transportation Commission staff report for other proposed commuter service upgrades.

The proposed addition of commuter routes will require additions to the commuter fleet that will take 2-3 years to accomplish. Without fleet additions new commuter routes could not be added without significantly affecting commuter service reliability. Staff will report back to the Transportation Commission and City Council with a more detailed commuter system optimization plan at a later date.

Dial-A-Ride Service (DAR): DAR is the shared ride, advance reservation-based bus service operating within the city limits of Roseville for any trip purpose. The existing Dial-A-Ride (DAR) service is provided as both general public and Americans with Disabilities Act (ADA) Paratransit service (complement to Local service available to individuals with disabilities preventing them from using Local bus service). The SRTP concludes that the DAR system provides a high quality service that meets performance measures, has a high customer satisfaction ranking, and provides a needed mobility option that includes service on Sundays when Roseville Transit Local service does not operate. The SRTP recommendation is to continue the DAR service as it exists.

Roseville Transportation Commission: At their meeting of February 19, 2019, staff presented the SRTP to the Roseville Transportation Commission. The Commission received one public comment requesting that future route changes be developed in consultation with Placer County Transit and Sacramento Regional Transit to promote connectivity between the agency's services. The Commissioners also offered the following comments:

- Roseville Transit is being run effectively and doing a good job of meeting Roseville resident needs.
- Future changes should support connectivity between Roseville Transit, Sacramento Regional Transit and with Placer County Transit.
- The efforts being conducted by staff to plan for the state-required transition to zero emission buses is critical to ensure a smooth transition.
- Investment in commuter service expansion should not preclude improvements to Local service.
- Elimination of local service to Sierra College in Rocklin is a concern. Staff shared that

PCTPA is studying the potential for a regional student transit pass for Sierra College students, and that the results of the study would be considered.

- If used, TNC agreements would need careful oversight to ensure that costs are controlled and equitable services are provided.

After their discussion, the Transportation Commission voted unanimously to recommend City Council adoption of the Roseville Short Range Transit Plan 2018-2025.

Conclusion: The SRTP concludes that Roseville Transit is providing a valuable mobility choice for many Roseville residents, with over 350,000 trips provided in 2018. The report also notes that there is room for improvement, especially in local service. Although the SRTP includes Service Plan recommendations, adoption of the SRTP does not actually implement any service changes. Service changes will instead be proposed as separate actions after more detailed analysis that will include robust public participation opportunities. Staff will begin the local route optimization investigation in 2019. We anticipate that the proposed commuter service adjustments would follow in 2020. The SRTP provides a starting point for these analyses, but it is intended to be flexible and does not preclude the City from pursuing different or additional transit opportunities that may become available going forward. We will keep the Transportation Commission and City Council informed throughout the service changes process.

FISCAL IMPACT

Adoption of the SRTP does not actually implement any of the service change options contained therein. As a result, SRTP adoption will have no direct fiscal impact to the city.

The SRTP was drafted in consideration of the limited financial resources available to Roseville Transit. So, while the service changes proposed by the SRTP could increase operational costs, they are also anticipated to increase ridership and fare revenue while decreasing the amount of overall subsidy. No new sources of funding are proposed as part of the SRTP. Also, Roseville Transit does not use any General Fund resources. When we conduct further analysis of the service plan options (as discussed above), the analysis will include the potential for fiscal impact. Staff will report back to the City Council prior to implementing service changes that have the potential for fiscal impact.

ECONOMIC DEVELOPMENT / JOBS CREATED

Adoption of the plan does not generate expenditure of funds, and so does not generate creation of new jobs.

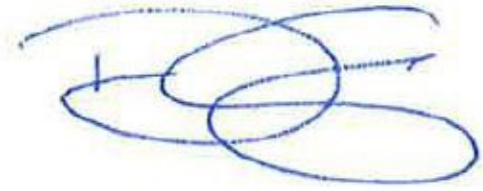
ENVIRONMENTAL REVIEW

The adoption of the Roseville Short Range Transit Plan is statutorily exempt from the California Environmental Quality Act (CEQA) pursuant to Section 21080(b)(10), as it is a plan to provide public passenger service.

Respectfully Submitted,

Michael Dour, Alternative Transportation Manager

Jason Shykowski, Acting Public Works Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line extending to the right.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-190

Roseville Short Range Transit Plan

Transportation Commission staff report

RESOLUTION NO. 19-190

ADOPTING THE ROSEVILLE SHORT RANGE TRANSIT PLAN 2018-2025

WHEREAS, the Roseville Short Range Transit Plan provides a multi-year plan for operations and capital investment strategies to better address changing transit needs over the next five to seven years; and

WHEREAS, on February 19, 2019, the Transportation Commission approved the recommended amendments to the Short Range Transit Plan; and

WHEREAS, the Short Range Transit Plan amendments have been reviewed by the City Council;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the Roseville Short Range Transit Plan 2018-2025 is hereby approved.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Roseville Short Range Transit Plan 2018-2025 FINAL

Prepared for the



PLACER COUNTY
TRANSPORTATION
PLANNING AGENCY

Placer County Transportation
Planning Agency

Roseville Transit Short Range Transit Plan 2018-2025 FINAL

Prepared for the

Placer County Transportation Planning Agency
299 Nevada Street
Auburn, California 95603

Prepared by

LSC Transportation Consultants, Inc.
2690 Lake Forest Road, Suite C
P. O. Box 5875
Tahoe City, California 96145

August 10, 2018

Executive Summary

2018-2025 Roseville Transit Short Range Transit Plan

Prepared by LSC Transportation Consultants, Inc.

This document presents a seven-year Short-Range Transit Plan (SRTP) developed for the City of Roseville's transit program. An SRTP is intended to provide a detailed business plan to guide improvements to the transit organization. An SRTP is also important to state and Federal funding partners so they can ensure that funds for improvements are consistent with a comprehensive overall strategy that has been developed through a public process. It includes a review of demographics and transit needs, a series of surveys and ridership counts conducted for all Roseville Transit services, a review of the effectiveness and efficiency of existing services, a review of similar systems, analysis of a wide range of options, and the results of public input processes. The resulting SRTP provides operational, capital and institutional plans, including an implementation plan. This SRTP plan has been prepared jointly with the development of parallel SRTPs for Placer County Transit, Auburn Transit and the Western Placer Consolidated Transit Service Agency.

SURVEYS AND DATA COLLECTION

This SRTP study included surveys of all routes and runs, which yielded a total of 654 completed surveys, detailing passenger ridership characteristics, trip patterns, and opinions. Data was also collected on all Roseville Transit local fixed routes and commuter service runs, including boarding data and on-time performance data.

EXISTING DEMOGRAPHICS

The population of Roseville, per the 2015 US Census estimates is 126,327. Persons living in **households without vehicles** total 2,134, or 5 percent of the total population. **Youth** (persons 10 to 17 years of age) total 14,295, or 11 percent of total population. **Elderly** persons over age 60 total 24,910 (20 percent). There are a total of 3,979 persons living in households below the federal **poverty** level (9 percent of total population). Persons who indicate they have a **disability** total 4,830, or 4 percent of total population.

OVERVIEW OF ROSEVILLE TRANSIT

Roseville Transit is a service provided through the City of Roseville, providing fixed route services, general public Dial-A-Ride service and Americans with Disabilities Act paratransit throughout the city, as well as a commuter service to downtown Sacramento and "Game Day Express" service to Sacramento Kings games. Management, marketing and planning are provided by City employees, while service operations and vehicle maintenance is provided by a private contractor. The City Council is the decision making body, with input from the Transportation Committee.

The fixed-route service consists of up to 10 buses at a time operating a total of 11 bus routes on weekdays and 5 on Saturdays. Service is generally provided from 6:00 AM to as late as 10:00 PM

on weekdays and 8:00 AM to 5:00 PM on Saturdays. Ridership in Fiscal Year (FY) 2016/17 was 191,900 boardings per year, which is a 34 percent reduction from the ridership in FY 2008/09. The fixed route service is not currently achieving goals regarding ridership productivity and cost effectiveness. A peer comparison indicates that ridership per vehicle-hour is 24 percent lower than the peer average while costs per vehicle-hour are 13 percent higher. The annual average ridership per capita is higher than two of the peer systems, but lower than the other three.

The Dial-A-Ride program provides curb-to-curb public transit and ADA paratransit service throughout the City. Service encompasses all of the hours of local fixed route service. Up to five vehicles are in operation at peak times. Ridership in FY 2016/17 was 28,408 passengers, reflecting a 20 percent reduction from FY 2008/09. Ridership productivity and cost effectiveness goals are not currently being met. While costs per vehicle-hour are 17 percent above the peer average, ridership per vehicle-hour is 14 percent above the peer average and the cost per passenger-trip is 5 percent below the peer average.

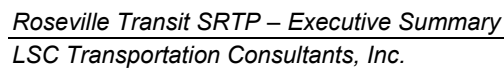
The Commuter Service consists of ten AM runs to downtown Sacramento and ten PM runs returning to Roseville. Three runs in each peak period also offer “reverse commuter” service in the opposite direction. FY 2016/17 ridership was 139,084, which was a 30 percent increase over the FY 2008/09 boardings. While the cost per vehicle-hour on the Commuter Service does not attain the goal, the ridership productivity and the cost effectiveness achieves goals. The commuter service costs per vehicle-hour are 21 percent below the peer average, while the passenger-trips per vehicle-hour are 23 percent higher and the cost per passenger is 43 percent lower.

SHORT RANGE TRANSIT PLAN ELEMENTS

Service Plan

The service plan is developed in particular to help attain the first goal of the transit program -- *"Sustainably operate an efficient and effective system through maximizing service and minimizing cost impacts"*. In particular, it addresses the objectives under this goal. It *minimizes operating cost* where appropriate by eliminating or modifying unproductive services. In addition, it *increases transit passengers and revenue* by providing new services where ridership demand can attain performance standards. The plan will also help attain the second goal – *Provide safe, reliable and high quality transportation* – specifically by reducing wait times between buses and improving on-time performance. An extensive analysis of potential service alternatives based on public and staff input identified the following recommended plan elements (see Figure E-1):

- Revise Route C/G/F/E or Replace With Transportation Network Company Service – The provision of a discount for Transportation Network Company (TNC) service in southeast Roseville (along with revisions to Route L and C/G/F/E) should be pursued. If deemed feasible, this strategy should be implemented and could be a demonstration project for larger TNC service in Roseville. If not feasible, Route C/G/F/E should be realigned to an hourly route connecting South Cirby Way with Sierra College (along with a minor realignment of Route L).



- Extend the Saturday Span Of Service Until 6 PM – One additional hour of service should be added to Routes A, B, D, L and M.
- Reduce Early Morning Weekday Service – The initial runs on Routes C, D, G and M should be eliminated, starting service around 7:30 AM.
- Shift Route D and Route L 3 to 5 Minutes Earlier – This will improve connections with Route A and B at the Civic Center transfer point.
- Shift Route A onto Orlando Way between Cirby/Orlando and the Louis/Orlando Transit Center – This will improve on-time performance with only a minor impact on existing passengers boarding on Cirby Way. It will require changes to the median on Orlando near the Transit Center.
- Provide TNC Subsidy for Trips Between the Roseville Train Station and Nearby Transit Hubs – This is the most effective means of connecting train passengers to local transit.
- Expand Commuter Service by Two AM and Two PM Runs per Day – This will address current capacity constraints, increase ridership and allow for a broader range of service times.
- Eliminate the Reverse Commute Service – This has proven very ineffective in generating ridership, with no real potential for being cost effective.
- Increase PM Service to Mahany Park – By extending existing routes, service can be substantially improved at low additional cost.
- Consolidate Commuter Stops in Southeast Roseville – This will better serve more riders, reduce travel times and reduce costs.
- Serve New Roseville Stops as Demand Warrants – No additional commuter stops are currently needed in Roseville, but future demand will warrant new stops in the future.
- Provide a Mid-Day Commuter Run – A single mid-day round trip would improve the overall usefulness of the commuter service at a modest cost, and would be popular with the ridership.
- Investigate Service to the Richards Boulevard Area North of Downtown – This growing employment center could be served at a small increase in cost and impact on existing riders, but will require a detailed evaluation of potential demand. Service to other employment centers in Sacramento would be costly and ineffective.
- Improvements to On-Time Performance – An additional 10 minute should be added to schedules to more realistically reflect actual travel times. Buses should be reallocated to avoid

the impacts of delays on some runs on later runs. Travel times on the Capital City Freeway should be monitored to identify if routes should be shifted to I-5.

Overall, this service plan will increase ridership by 44,700 annual boardings per year, or 12.5 percent. A 3 percent increase (5,700 per year) is forecast for the local fixed routes and a 28 percent increase (39,000 per year) for the commuter service.

Capital Plan

- Bus Purchases – 3 commuter buses will be needed for service expansion. A total of 11 commuter buses, 9 fixed route buses and 11 DAR vehicles will also be needed by 2026 for replacements.
- Regional Battery Electric Bus Readiness Study – Roseville should participate in a study regarding Battery Electric Bus vehicle and charging options.
- Passenger Facility Improvements – New shelter locations are identified, along with improvements to the Sierra Gardens transfer center and the Taylor Road park-and-ride.

Financial Plan

The overall impact of this plan will be to increase operating costs by \$79,400 per year (or 1.4 percent). The overall impact of the plan on the need for operating subsidy funding is a decrease of \$93,200 (or 2.3 percent). The **local fixed routes** operating costs will be reduced overall by \$31,700 per year (0.9 percent), resulting in a \$43,600 overall decrease in operating subsidy requirements (1.6 percent). The **commuter service** will have a total increase in operating costs of \$111,100 per year, or 13.3 percent. Operating subsidy requirements will be decreased by \$49,600 (29 percent).

Depending on propulsion technology and other vehicle attributes, the total costs for vehicle purchases over the next seven years will be on the order of \$15 Million to \$18 Million.

Roseville should participate in a Regional Day Pass program with PCT and Auburn Transit, should participate in an investigation of a Sierra College Student Pass program, and should continue to promote use of the Connect Card.

Institutional/Marketing Plan

- Minor improvements to published schedules.
- Increased social media-based target marketing
- Joint Roseville/PCT commuter service marketing
- Prepare focused transit master plan for West Roseville and Sierra Vista plan areas, as specific land use and street network plans are defined

Summary

Overall, this SRTP increases ridership 12.5 percent, decreases operating subsidy requirements by 2.3 percent, addresses warranted capital improvements, and helps the Roseville Transit program to achieve its mission statement and goals.

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The City of Roseville Short-Range Transit Plan (SRTP) was prepared to assess transit and related transportation issues in Roseville and the surrounding region and provide a “road map” for improvements to the public transit program over the upcoming seven years. The intent of this study is to evaluate the specific needs for transit services, as well as to develop plans for improvements and service revisions. This was accomplished through the review of existing demographic and transit conditions and evaluation of operations, as well as through public outreach via onboard surveys, online community surveys, and community-based meetings. A wide range of alternatives are evaluated. The ultimate goal of the study is to provide a comprehensive strategy of short-range service, capital, and institutional improvements, with a supporting financial and implementation plan.



PLACER COUNTY
TRANSPORTATION
PLANNING AGENCY

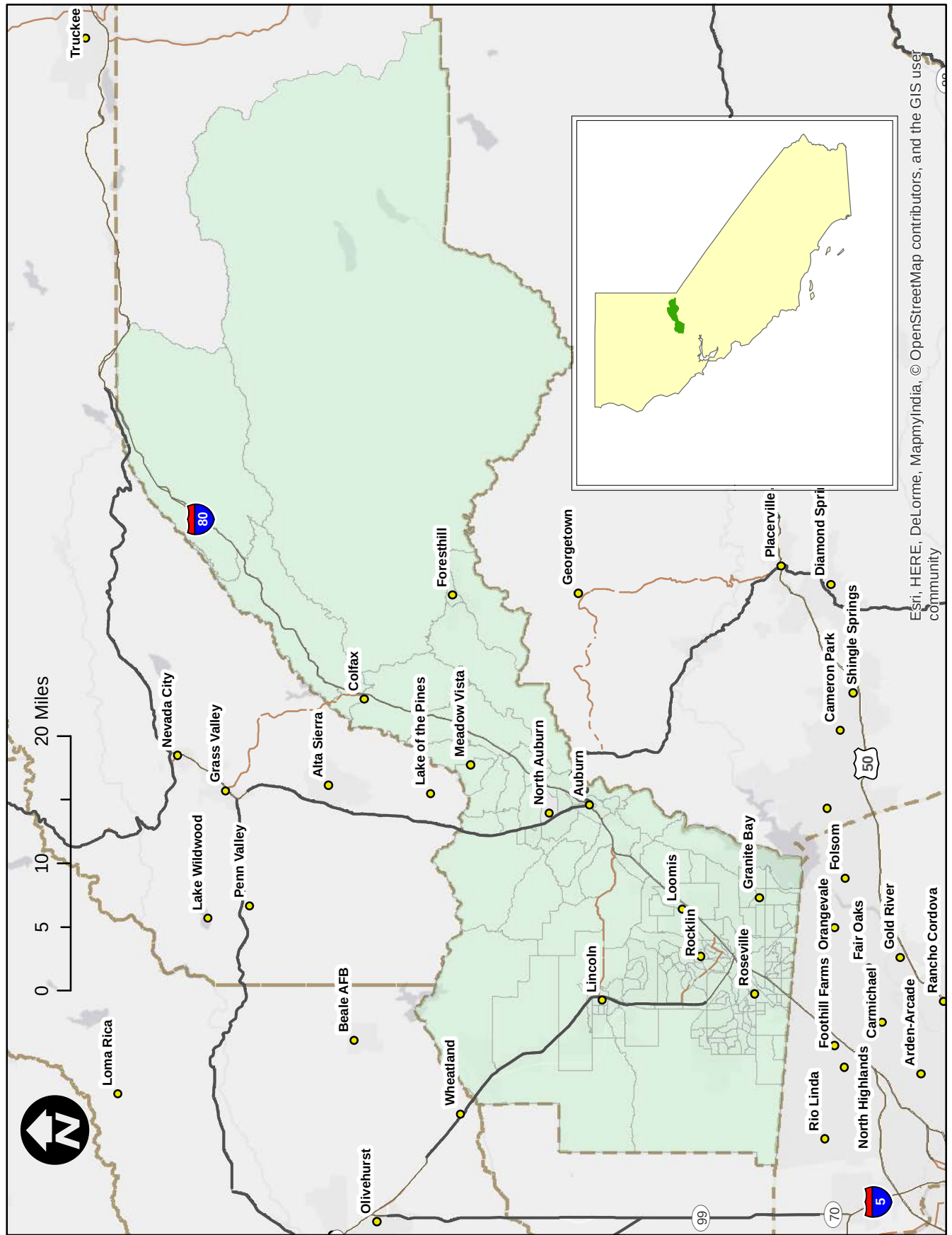
Public transportation is a vital service to many residents of western Placer County. Transit services provide mobility to residents, including access to important medical, recreational, social, educational and economic services and opportunities. In addition to being important to the quality of life of residents in the region, public transit services assist in the functioning of educational programs, public and private employers, and social service programs throughout the region.

SETTING

The Placer County Transportation Planning Agency (PCTPA) is responsible for allocation of transportation funds to public transit operators outside of the Lake Tahoe Basin or Western Placer County. Figure 1 displays a map of the total study area. Four separate transit operators fall under the jurisdiction of the PCTPA: Auburn Transit, Placer County Transit (PCT), Roseville Transit and the Western Placer Consolidated Transportation Services Agency (WPCTSA):

- The Public Works Department of the City of Auburn provides two deviated fixed routes generally within the incorporated areas of Auburn, Monday through Saturday.
- Placer County Transit (PCT) is the regional transit operator for Western Placer County serving communities not served by the two municipal transit operators. PCT is managed by the Placer County Department of Public Works and provides a variety of services throughout the community such as commuter runs to Sacramento, Dial-A-Ride and fixed routes between communities. Under agreements with the City of Rocklin and the City of Lincoln, City of Loomis and City of Colfax, Placer County Transit operates service in these cities.

Figure 1
Western Placer County Site and Location



- Roseville Transit provides 11 local fixed routes, 10 commuter routes to Sacramento, with connections to Placer County Transit and Sacramento Regional Transit (SacRT) transit services. Roseville Transit also provides demand response service available to the general public within the city limits of Roseville, along with origin-to-destination paratransit service. In 2017 Roseville Transit also began operation of the Game Day Express providing service between Roseville and the Golden One Arena for Kings basketball home games. On behalf of and with support from the Western Placer Consolidated Transportation Services Agency (WPCTSA) the City of Roseville operates the following regional programs: the South Placer Transit Information Center, Transit Ambassador Program, and mobility program. Roseville Transit is managed by the City of Roseville Public Works Department, using a contractor to provide management and operations of Roseville Transit and the South Placer Transit Information Center.
- The WPCTSA presently sponsors several programs that provide transportation or facilitate the use of public transit services. Services are administered by various agencies and draw upon a variety of funding sources (public and private) including funds allocated through Article 4.5 of the Transportation Development Act (TDA), community transit services. WPCTSA programs such as Non-Emergency Medical Transportation (Health Express) and volunteer driver program (MyRides) are designed to provide transportation for Western Placer County residents only if a trip cannot be served on regular public transit services. WPCTSA programs are administered by PCTPA staff and the PCTPA Board Members serve as WPCTSA Board Members. Overall, there are many individual mobility needs that are not easily met, particularly demand-responsive services for persons unable to make use of fixed-route services between Placer County jurisdictions or to/from regional destinations in nearby Sacramento County. This is particularly important to seniors and persons with disabilities that would find transfers between services to be a difficult if not insurmountable barrier to completing their trip. The WPCTSA is key in addressing these needs.

This document represents the Short Range Transit Plan for Roseville Transit for 2018 to 2025. Transit plans for the other Western Placer County transit operators have been prepared under separate cover.

PUBLIC/STAKEHOLDER INPUT

Public/stakeholder outreach for all the Western Placer SRTP updates was conducted throughout the study with the assistance of AIM Consulting. The public and stakeholders were provided multiple opportunities to comments prior to and after the analysis of a large range of transit service, capital, institutional and financial alternatives. The Public Outreach Plan for the project is included as Appendix A. In summary, outreach included:

- On-line survey distributed concurrently with the Unmet Transit Needs Process
- On-board bus surveys

- Virtual Community Workshop (on-line interactive survey) available prior to the development of alternatives
- April Public Workshop as part of PCTPA Board meeting to present potential alternatives
- April presentation at Roseville Transportation Commission to present potential alternatives
- May Public Workshop as part of PCTPA Board meeting to present alternatives analysis
- June Public Workshop as part of PCTPA Board meeting to present Draft Plans

In addition to public and stakeholder outreach, the Study Team conducted multiple conference calls and face to face meetings PCTPA and transit operator staff to refine alternatives and draft plans.

OVERVIEW

This plan reflects the realities of the role of public transit in Roseville:

- The community is relatively affluent, with high auto ownership rates. However, there are also many residents that face mobility challenges due to disabilities, age or the economics of auto ownership. There are also others that can afford autos, but can benefit from the cost savings provided by public transit. It is important that mobility be provided to those who can benefit from transit services.
- Much of Roseville has developed at a relatively low residential population density. While there is a vibrant historical downtown, the community is also served by a dispersed pattern of commercial, institutional and educational centers. The overall pattern is inherently difficult for public transit to serve at a high level of productivity or cost-effectiveness.
- Roseville is part of a broader and continuous developed area. Many residents, visitors and employees in Roseville travel beyond the city boundaries, particularly to the east south and southwest. Roseville's transit services need to function as part of a regional network, either through direct services extending outside the city where effective or by providing convenient connections to other services.
- Like any public transit provider, the City of Roseville faces real limitations on the funding available for transit – particularly the ongoing funding needed for operations (driver wages, maintenance, fuel, etc.). Particularly for local fixed route and Dial-A-Ride services, transit ridership fares can only cover a small portion of the necessary operating costs. Public transit planning is therefore in large part a matter of allocating a finite amount of annual subsidy funding that can meet the goals of the transit program.

This plan has been developed to help attain the overall Mission Statement for Roseville Transit:
"We provide and continually enhance reliable, convenient and safe transportation options"

In particular, the SRTP will help attain the first goal of the Roseville Transit program, to *"Sustainably operate an efficient and effective system through maximizing service and minimizing cost impacts"*. It addresses the objectives under this goal: (1) it *minimizes operating cost* where appropriate by eliminating or modifying unproductive services and (2) it *increases transit passengers and revenue* by providing new services where ridership demand can attain performance standards. The plan will also help attain the second goal – *Provide safe, reliable and high quality transportation* – specifically by reducing wait times between buses and improving on-time performance.

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LITERATURE REVIEW



To meet the goals of the study, it is essential that the regulatory and institutional context of the study effort be fully documented. This section reviews pertinent documents and previous transit planning studies for the transit operators.

Roseville Transit Planning Studies

2011 Roseville Short Range Transit Plan

The prior Short Range Transit Plan for Roseville Transit was completed in 2011 and accepted by the PCTPA Board. The plan identified two Alternative Plan Scenarios:

- Alternative A – This scenario included recommendations to optimize transit services within existing financial constraints.
- Alternative B – This scenario identified operational and capital improvements to provide enhanced transit services if allowed by increased funding opportunities.

Alternative A represented the financially-constrained scenario recommending the implementation of minor operational and administrative enhancements to maximize the effectiveness of service within existing resources and included the following recommendations:

- Adjust wait/transfer times.
- Extend hours of operation.
- Modify operating schedules.
- Enhance connections with Placer County Transit
- Introduce “new route” policy.
- Conduct Park & Ride Feasibility study.
- Conduct Transfer Point Locational study.
- Conduct Service Optimization study.
- Conduct annual Community Survey.
- Enhance Route G connection to PCT Taylor Road Shuttle extension.
- Increase farebox recovery ratio standard.

Alternative B incorporated the recommendations made in Alternative A plus additional capital/infrastructure and schedule improvements:

- Establish new stops along Route S.

- Increase off-peak hour frequencies on select routes.
- Reduce Route G and I runs during the late afternoon.
- Assume operation of Placer County Transit Dial-A-Ride services in Granite Bay.
- Expand service to new and existing developments.
- Consider Extending Service South Along the I-80 Corridor
- Include Louis Lane/Orlando Blvd stop as a West Roseville Shuttle stop.
- Modify Route M.
- Extend Route R.
- Introduce Western Roseville route.
- Enhance bus stop amenities and transfer points.

Roseville Transit Triennial Performance Audit FY 2012/13 to FY 2014/15

The most recent Triennial Performance Audit for Roseville Transit covered the years from Fiscal Year (FY) 2012-13 to FY 2014-15 and had the following recommendations:

- Recommendation 1: Ensure the timely completion and submittal of the annual State Controller Transit Operators Financial Transactions Reports.
- Recommendation 2: Ensure that Full-time Equivalent Employee hours are calculated properly.
- Recommendation 3 – Track and separate riders by passenger types for Dial-A-Ride (DAR) reports to determine if more riders could be encouraged to ride fixed route.

The audit also noted that operating cost per passenger increased by 13.5 percent during the audit period, with the majority of the increase occurring on the DAR. Similarly, passenger-trips per vehicle service hour increased significantly on commuter services, remained relatively flat on the local fixed routes and decreased on DAR.

Placer County Transit Planning Studies

2011 Placer County Transit Plan

The prior Short Range Transit Plan for Placer County Transit was completed in 2011 but was not adopted by the Placer County Board of Supervisors. The plan identified two Alternative Plan Scenarios: a status quo scenario with minor improvements (Alternative A) and scenario including additional operational and capital improvements to the existing transit network (Alternative B).

Alternative A included minor improvements to address community input:

- Develop a no-show and trip cancellation policy for dial-a-ride.
- Develop a College Transit Pass Program.

- Raise farebox recovery standard from 10 percent to 13.3 percent.
- Reduce number of time points published in transit schedule.
- Extend service hours on the Lincoln/Sierra College route.
- Seek grant funding to support service enhancements.

Alternative B added the following capital and schedule improvements to Alternative A:

- Convert Highway 49 Loop to on-call service.
- Reduce number of vehicles operating on Highway 49.
- Launch a “Foresthill deviated fixed-route” pilot program.
- Convert Rocklin DAR into a deviated fixed-route.
- Introduce commuter bus service along Highway 65 in Lincoln.
- Increase frequency on Auburn Light Rail service.
- Extend service hours on the Lincoln/Sierra College service.
- Extend Taylor Road Shuttle service to Sierra Gardens.
- Develop a route to/within Meadow Vista.
- Enhance Taylor Road Shuttle service by incorporating two round trips into the baseline schedule and formalizing the daily schedule.
- Develop a Highway 193 service

2011 Lincoln Short Range Transit Plan

Prior to 2015, the City of Lincoln operated transit service in the City. Therefore a separate SRTTP was developed for Lincoln Transit, most recently in 2011. Recommendations were divided into a Reallocation and Growth Scenario. The Reallocation Scenario would add a fixed route with one route focusing on school trips and the other as a downtown circulator. Dial-A-Ride service was also recommended. The Growth Scenario went further to recommend two additional fixed routes along with an optional tripper to the Roseville Galleria.

Placer County Rural Transit Study, 2016

In 2016 PCTPA conducted a study regarding potential improvements in public transit services in rural western Placer County. The study reviewed the existing transit services, the needs for transit services in currently unserved and underserved rural areas, and assessed the feasibility of various strategies to expand services. One component of this study was to define performance standards specific to rural transit services and use these standards as performance measurement for alternatives.

The study recommended the following strategies to improving mobility for rural Placer County residents:

- Combined Sheridan/SR 193 Corridor Lifeline Service 1 Day per Week as a three year demonstration program with two round trips per day, one day per week.

- Foresthill lifeline service one day per week as a three year demonstration program.
- Shift the hours of the Alta/Colfax route to allow persons with a traditional work schedule to ride public transit to Auburn as well as provide rural residents requiring services in Auburn with a transit round trip option with a shorter layover time. The strategy would also add one mid-day round trip.
- Roseville Transit operates the Granite Bay DAR
- Conduct a more detailed service review of public transit in the greater Auburn area as there is service overlap between Auburn Transit and PCT.
- Expand PCT Vanpool Budget to Meet Rural Commuter Needs

These strategies as well as other alternatives considered will be revisited as part of this S RTP update.

Rocklin Community Transit Study 2014

PCTPA conducted a study regarding potential improvements in public transit services in Rocklin, California. Rocklin has grown in recent years and prior public input has indicated a need to serve more residential areas and some new commercial centers. The ultimate objective of this study was to determine if there was a need to modify existing transit services or to establish new routes or services to better serve Rocklin residents. Additionally, the most recent Short Range Transit Plan for Placer County recommended a more detailed study of transit needs in the City of Rocklin and therefore did not identify specific recommendations for new service.

The study reviewed a variety of ways to serve the large residential neighborhoods not currently served by the PCT Lincoln-Sierra College Route but found them to not be cost effective. The study recommended realigning the Lincoln – Sierra College Route along Granite Drive to serve the Rocklin Crossings and Commons shopping centers. In addition, it recommended that the Taylor Road Shuttle be revised to serve the Rocklin Crossings and Rocklin Commons shopping centers during the layover at Sierra College.

Transit Master Plan for South Placer County (2007)

In light of anticipated growth in the southern portion of Placer County, PCTPA conducted a transit master planning process in 2007. The principal objectives of the plan was to examine all aspects of transit service delivery and prepare a consistent, coordinated vision for Placer County transit operators over the long term (2030 – 2040). By the horizon year, the plan assumes that annual vehicle miles and hours for South Placer County transit operators will increase by 190 percent.

The plan offered the following service recommendations by transit mode:

Local Fixed Route

- Provide a base backbone system with 30 or 60 minute headways.
- Where justified, provide greater frequencies during peak periods (15 minute headways).
- Provide a limited number of “express” routes to link specific pairs or groups of activity centers with limited stops in between.

Regional Fixed Route

- Identify and “brand” specific routes as providing longer-distance trips between urban or community zones such as Lincoln-Roseville, Auburn-Roseville, Placer Vineyards-Roseville, and Citrus Heights-Roseville.
- Make limited “lifeline” service a priority: Foresthill, Meadow Vista, Sheridan, and Bickford Ranch.

Commuter Bus

- Continue with all existing routes. Look for a significant increase in Placer County Transit PCE service and Roseville Transit commuter services. Optimize both operations as required.
- Add routes as new development occurs at origins and destinations.
- Add or remove service in concert with changes in Capitol Corridor rail service.
- Consider adding limited commuter service to the Bickford Ranch area.

Bus Rapid Transit (BRT)

- Continue close coordination with major development projects and Sacramento Regional Transit BRT service planning. In particular, continue a dialog with RT on a Watt Avenue BRT system extension.
- Preserve right-of-way for stations, bypass lanes, transition lanes, and other needs. Continue to work with developers to set aside right-of-way for these needs.
- Implement proposed BRT routes in the following order: BRT-1, BRT-2, and BRT-3 (Refer to BRT Study below).

Paratransit

- Develop an administrative structure to support cross-jurisdictional trips. Address key issues such as fare collection/distribution and cost allocation.
- Consider consolidation of all paratransit under one provider, or with separate providers under one managing/coordinating entity. At a minimum, establish one fare card for all ADA travel.
- Expand the CTSA dial-a-ride voucher program to include non-emergency medical trips.
- Provide a senior discount.

- Identify areas with most intensive growth in senior populations, such as Rocklin. Identify key trip attractors in other jurisdictions such as the Galleria, Wal-Mart, and Kaiser.
- Set up “Ambassador” program for seniors to assist with trip planning (subsequently completed).
- Consider removing dial-a-ride service from the Roseville farebox recovery ratio calculation, especially with respect to ADA services.
- Conduct a paratransit needs study to guide design and provision of services targeted to each user group. Include consideration of developing an “accessibility database.”
- Coordinate near-term actions with ongoing dial-a-ride study results in areas such as service integration, addressing cross-jurisdictional problems, establishing ADA certification.

The plan also includes a variety of institutional recommendations to slowly integrate the different transit operators in South Placer County.

Bus Rapid Transit (BRT) Service Study for South Placer County (2008)

The concept of Bus Rapid Transit (BRT) is to combine the frequency and amenities of light rail with the greater flexibility of a bus in an effort to serve high demand corridors cost effectively. BRT services typically include traffic signal prioritization for buses, enhanced transit stations, off-vehicle fare collection and bus only lanes. PCTPA conducted a study of BRT services for the growing South Placer County region. The study recommends the following BRT routes travelling between Sacramento and Placer County:

- BRT 1 – Watt/I-80 Light Rail Station to future Placer Ranch development along I-80 with a transit center at the Galleria in Roseville and stations at Blue Oaks/I-80 and Blue Oaks and Foothill Blvd.
- BRT 2 – Watt/I-80 Light Rail Station to future Placer Ranch development along Watt Ave with transit centers at the proposed Sierra Vista and West Roseville Town Center and a station at the proposed Placer Vineyards Center
- BRT 3 – From the Sunrise Light Rail Station to Hazel Light Rail Station along Hazel Avenue to Sierra College Blvd and the Taylor Park and Ride

The implementation schedule of full BRT is beyond the SRTP’s 7 year horizon however, the BRT Study recommends implementation of BRT “light” from 2010 to 2025. The “light” concept calls for the purchase and use of new stylized buses with longer travel times, less frequency and limited capital improvements than the full BRT concept.

South Placer Regional Dial-A-Ride Study (2007)

The objective of the study was to provide additional guidance to PCTPA and its transit operators as how to cost-effectively meet the needs of residents requiring DAR services within available

resources. The study made four basic recommendations some of which have been implemented:

- Establish PCTPA leadership to guide the County’s operators towards an integrated, regional demand response program.
- Promote general public demand response policies that improve efficiencies and build capacity in South Placer County.
- Establish a CTSA for South Placer County that promotes specialized transportation options and addresses the needs of residents.
- Develop a coordinated information strategy for demand response services oriented to the information needs of consumers, agency personnel and transit operators in South Placer County.

Unmet Transit Needs Process

Background

California’s Transportation Development Act (TDA) legislates funding for transit purposes primarily, and for non-transit purposes under certain conditions. TDA funds are distributed through the Regional Transportation Planning Agencies (RTPA) (in this case PCTPA). An RTPA must assess its jurisdiction’s unmet transit needs prior to allocating any TDA funds for purposes not directly related to public transit or facilities used exclusively by pedestrians and bicyclists. Each year, PCTPA conducts a citizen participation process to receive public comment concerning transit needs within the RTPA jurisdiction and summarizes the comments into a Draft Unmet Transit Needs Report. The PCTPA Social Services Transportation Advisory Council (SSTAC) and the Technical Advisory Committee (TAC)¹ review the draft report and provide input. With recommendations from the SSTAC, at the end of the process the PCTPA Board makes a finding that:

- (a) There are no unmet transit needs; or
 - (b) There are no unmet transit needs which are reasonable to meet; or
 - (c) There are unmet transit needs, including those that are reasonable to meet.
- (Section 99401.5)

PCTPA has adopted the following definition of an unmet transit need:

An unmet transit need is an expressed or identified need, which is not currently being met through the existing system of public transportation services. Unmet transit needs are also those needs required to comply with the requirements of the Americans with Disabilities Act.

¹ The SSTAC is comprised of citizens that represent a cross-section of transit users, while the TAC is comprised of representatives of various jurisdictions and entities.

PCTPA has adopted the following definition of an unmet transit need which is reasonable to meet. Unmet transit needs may be found to be "reasonable to meet" if all of the following criteria prevail:

1. Service, which if implemented or funded, would result in the responsible service meeting the farebox recovery requirement specified in California Code of Regulations Sections 6633.2 and 6633.5, and Public Utilities Code 99268.2, 99268.3, 99268.4, and 99268.5.
2. Notwithstanding Criterion 1) above, an exemption to the required farebox recovery requirement is available to the claimant for extension of public transportation services, as defined by California Code of Regulations Section 6633.8, and Public Utilities Code 99268.8.
3. Service, which if implemented or funded, would not cause the responsible operator to incur expenditures in excess of the maximum amount of Local Transportation Funds, State Transit Assistance Funds, Federal Transit Administration Funds, and fare revenues and local support, as defined by Sections 6611.2 and 6611.3 of the California Administrative Code, which may be available to the claimant.
4. Community support exists for the public subsidy of transit services designed to address the unmet transit need, including but not limited to, support from community groups, community leaders, and community meetings reflecting a commitment to public transit.
5. The need should be in conformance with the goals included in the Regional Transportation Plan.
6. The need is consistent with the intent of the goals of the adopted Short Range Transit Plan, as amended, for the applicable jurisdiction.

FY 2016/17 Unmet Needs Process

During the FY 2016/17 Unmet Needs Process, PCTPA received 76 comments which pertained to western Placer County. Common topics brought up during the meetings included:

- Later service hours in Lincoln, Roseville, and on Placer County Transit.
- Sunday fixed route service in Lincoln, Roseville, and on Placer County Transit.
- Sunday dial-a-ride service in Lincoln, Rocklin, and on Placer County Transit.
- Challenges with scheduling dial-a-ride trips.

Specific to Roseville Transit, common requests were for:

- Expansion of local route services in West Roseville and to Santucci Justice Center.
- Longer weekday hours of operation.

- Increased service frequency on Routes A, B and R.
- Additional commuter service to Mahany Park and Saugstad Park.
- Later AM commuter runs, and earlier PM commuter runs.

PCTPA determined that there were no new unmet transit needs reasonable to meet for implementation in FY 2017/18. However, several comments warrant further study or monitoring and will be addressed in the alternatives analysis section of the SRTP updates:

- **Later Evening Weekday Service** - Comments pertaining to later evening weekday service has been voiced annually, but fixed route ridership has not reached prerecession levels, has declined on average one percent annually since FY 2011/12.
- **Challenges Scheduling Dial-a-Ride Trips** – Several comments identified challenges with scheduling dial-a-ride trips in Lincoln, Rocklin, and countywide. Passengers are allowed to schedule trips up to 14 days in advanced and are encouraged to allow sufficient time to accomplish their intended activities between drop off and pickup due to the shared ride nature of the service. As a result, passengers may encounter challenges with getting their preferred time slot, but call center operators can offer alternative travel time options. Dial-a-ride trips have increased five percent between FY 2014 and 2015 and trip denials totaled approximately 1.6 percent in FY 2015. Beginning FY 2016, PCT began providing contracted dial-a-ride service in Lincoln and the Health Express reservation process was modified to assign intracity trips to the local dial-a-ride and intercity trips only to Health Express, except for under certain circumstances. Given these changes, PCTPA recommends monitoring dial-a-ride trips, denials, or other potential issues.
- **Short Range Transit Plan Updates** – The Unmet Transit Needs report recommends that the SRTP updates should consider past unmet transit needs comments including but not limited to: later service hours, expanded weekend service, dial-a-ride scheduling and capacity, additional service options to Sacramento on the Health Express, and include a review of federal transit policy regulations and any changes resulting from amendments to the federal Americans with Disabilities Act (September 15, 2010).
- **On-board Passenger Surveys** – The Social Services Transportation Advisory Council recommended that the PCTPA and the Transit Operators Working Group pursue funding to conduct on-board passenger surveys in support of the short range transit plan updates. The surveys could provide valuable insight into the factors that influence passenger use and/or community perception given the downward trend of annual ridership statistics system wide. The surveys could seek data, such as but not limited to: demographics, destinations of choice, frequency of use, challenges with using the service, and the mode of choice (i.e., walk, bike, etc.) for pre and post-trip.

Prior common Unmet Need Meetings comments relevant to this study include:

- The PCT Highway 49 DAR area and Auburn Transit deviated fixed route service area do not encompass many residents who require transportation.
- Easier forms of fare payment, particularly for passes on PCT
- Service along the SR 193 corridor
- Service to the communities of Sheridan and Foresthill
- Commuter routes to the Stockton/Broadway corridor in Sacramento
- More service for Lincoln residents
- Additional Commuter Runs for Roseville Transit and PCT (earlier/later times)
- Additional Health Express service options to Sacramento.

POPULATION

Historical and Projected County-wide Population



Placer County was originally settled during the gold rush years and has become an increasingly attractive place to live as it is situated between employment opportunities in the greater Sacramento region and recreational activities in the Sierra Nevada foothills. As shown in Table 1, Placer County (including the portion east of the Sierra Crest which is not in this study area) has grown at a faster rate than that of California as a whole. From the period of 1970 to 2010, Placer County's population increased by at least 40 percent every ten years whereas statewide population did not increase more than 26 percent during a ten year period. Going forward, the California Department of Finance predicts that the population of Placer County will grow at a rate of 1.2 to 1.4 percent annually or around 12 – 14 percent every ten years.

Table 1: Historical and Projected Population

Total Placer County

	Historic					Projected		
	1970	1980	1990	2000	2010	2020	2030	2040
Placer County	77,632	117,247	172,796	248,399	348,432	396,669	454,102	507,740
Annual Percent Growth	--	5.1%	4.7%	4.4%	4.0%	1.4%	1.4%	1.2%
Over Previous Period	--	51%	47%	44%	40%	14%	14%	12%
California Population	19,971,068	23,667,836	29,758,213	33,873,086	37,253,956	40,719,999	44,019,846	46,884,801
Annual Percent Growth	--	1.9%	2.6%	1.4%	1.0%	0.9%	0.8%	0.7%
Over Previous Period	--	19%	26%	14%	10%	9%	8%	7%

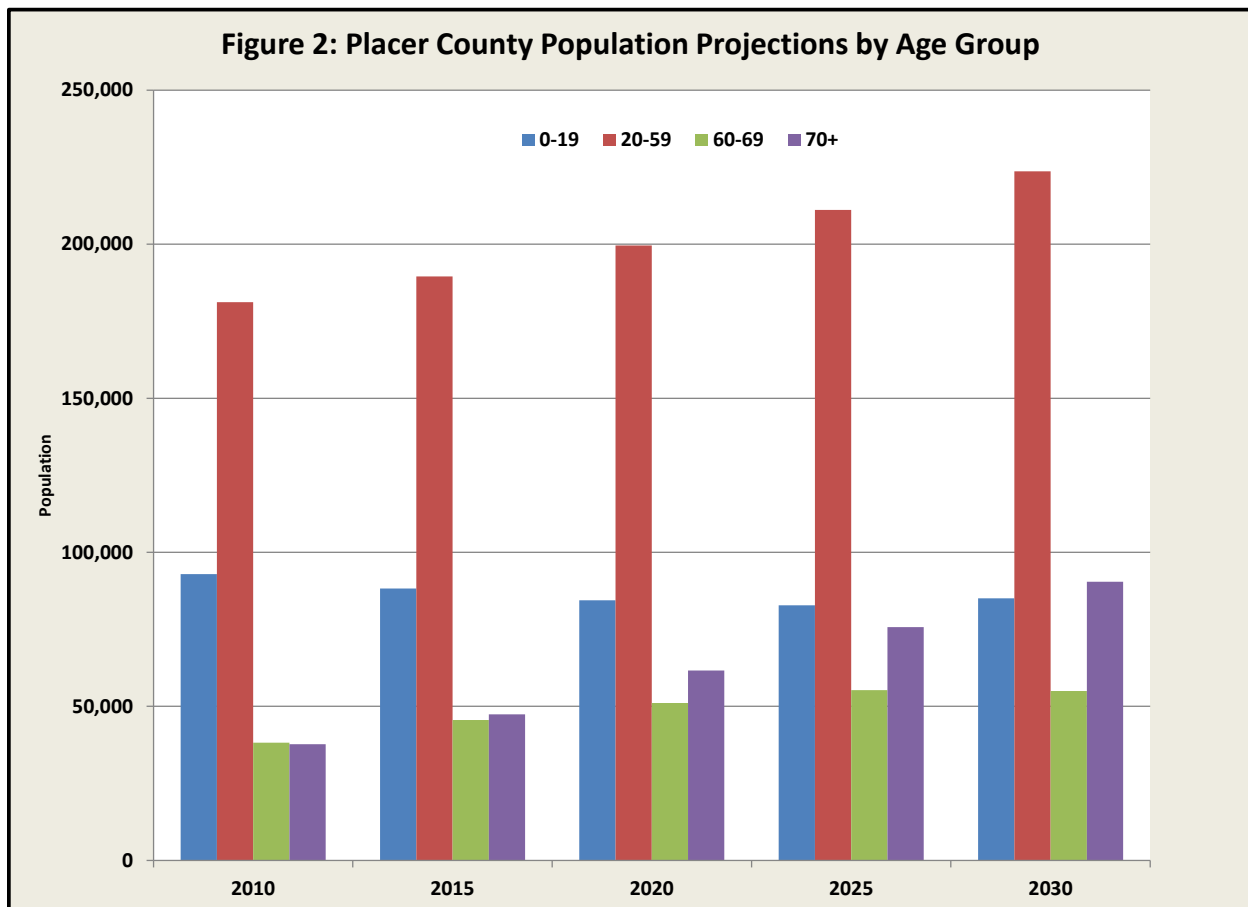
Source: California Department of Finance Demographic Research Unit

Of particular interest to public transit is the growth of the older adult population, as these residents become more likely to depend on public transit for mobility. Table 2 and Figure 2 demonstrates that the number of Placer County residents age 60 to 69 is projected to increase by 21.4 percent between 2015 and 2025, while the number of residents age 70 and older is projected to increase by a full 59.6 percent during the same time period. Extending the timeframe to 2030, the number of residents older than 70 could increase by 90.7 percent over existing levels. Put another way, the proportion of total population age 70 and above is expected to increase from today's 13 percent to 20 percent by 2030.

Table 2: Placer County Population Projections by Age Group

Year	Population by Age Group			
	0-19	20-59	60-69	70+
2010	92,921	181,200	38,229	37,702
2015	88,236	189,539	45,534	47,429
2020	84,396	199,594	51,076	61,603
2025	82,786	211,095	55,281	75,696
2030	85,076	223,620	54,967	90,439
% Change 2015 to 2025	-6.2%	11.4%	21.4%	59.6%
% Change 2015 to 2030	-3.6%	18.0%	20.7%	90.7%

Source: CA Department of Finance (Estimated and Projected Population for CA counties)



Population Density

One of the greatest challenges facing public transit in auto-dominated California is how to serve communities and cities with dispersed populations. Buses travelling long distances to serve only a few residents is not cost effective; however these residents may depend on public transit for transportation to commercial and medical centers. Figure 3 illustrates population density for the study area at the block group level. As shown, population density ranges from less than one person per square mile as one travels east on I-80 to around 27,000 people per square mile in the City of Roseville.

Transit Dependent Population

Nationwide, transit system ridership is drawn largely from various groups of persons who make up what is often referred to as the “transit dependent” population. This category includes youth, elderly persons, persons with disabilities, low income households, and members of households with no available vehicles. There is considerable overlap among these groups. Figures 4 through 13 present key demographic data for Roseville as well as for western Placer County (to provide a broader context). The figures illustrate where existing and potential public transit passengers live. Transit dependent data is presented in tabular format for each transit operator as part of Appendix B. A review of this data indicates the following:

- **Youth** – For purposes of this study, youth is defined as persons age 10 – 17 or those who are unlikely to drive yet able to ride the bus by themselves. Youth travelling to/from school contribute to public transit ridership, particular in the City of Lincoln. A total of 39,528 residents (11 percent) in the Western Placer County area fit into this category.
 - Figure 4 shows the density of the youth population for western Placer County area at the census tract level. As shown, higher concentrations of youth 400 or more per square mile are generally concentrated in areas served by public transit.
 - A more detailed view youth population density at the block group level in the Roseville Transit service area is shown in Figure 5. As shown areas, near Junction Blvd and Woodcreek Oaks Blvd have higher concentrations of youth (1,300 – 1,400 per square mile) and are relatively well served by transit.
- **Seniors** – Seniors (defined here as older adults age 60 and older) tend to become more dependent on public transit as they lose the ability to drive. Roughly 24 percent or 83,522 Western Placer County residents are considered seniors.
 - For the western county area (Figure 6), the largest concentrations of seniors are located in the North Auburn area and in the residential tracts of the City of Lincoln along Sun City and Del Webb Blvd (1,000 – 1,400 seniors per square mile). Some of these homes in

Figure 3
Total Population Density By Block Group Western Placer County

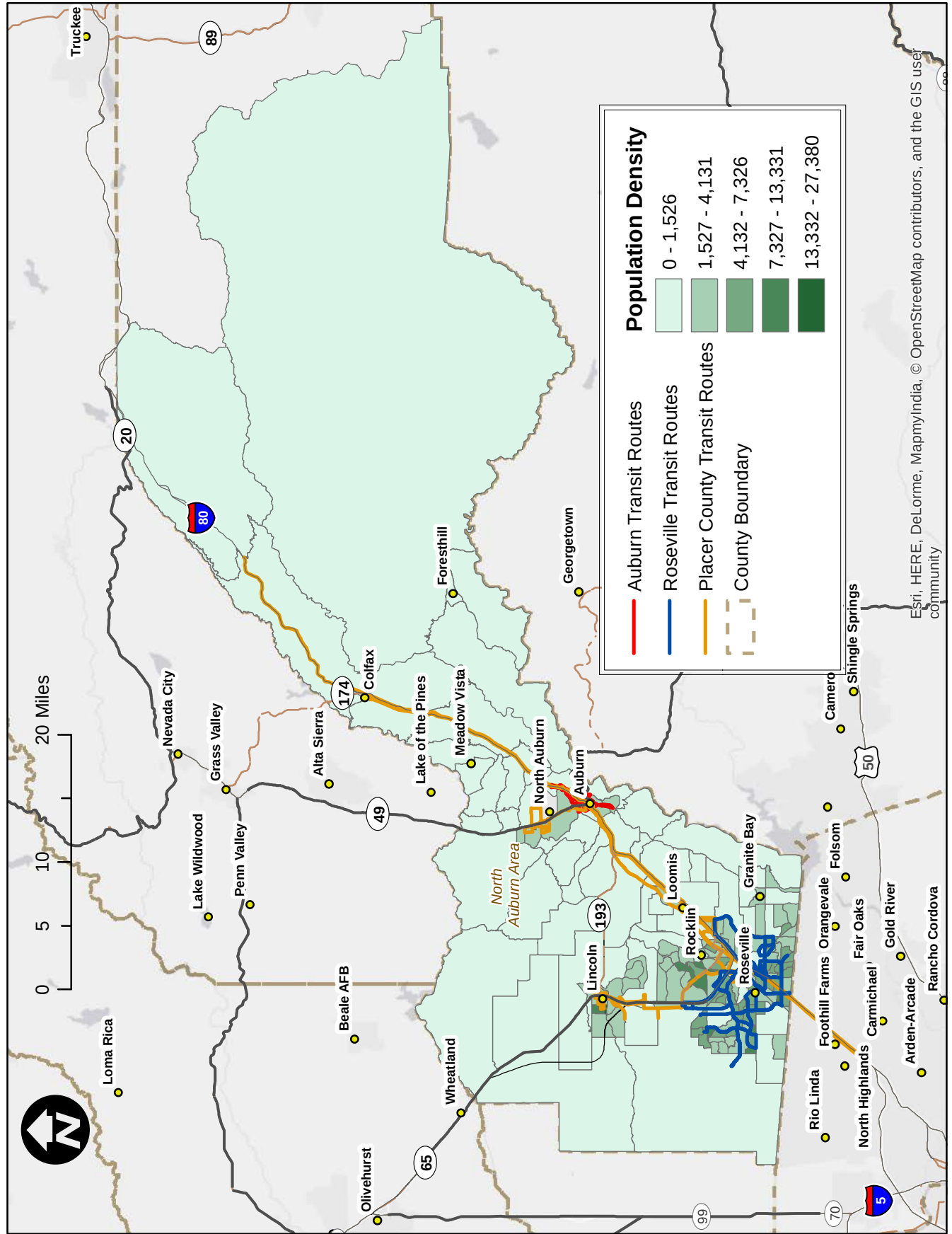




Figure 4
Youth Population Density By Census Tract Placer County Transit Area

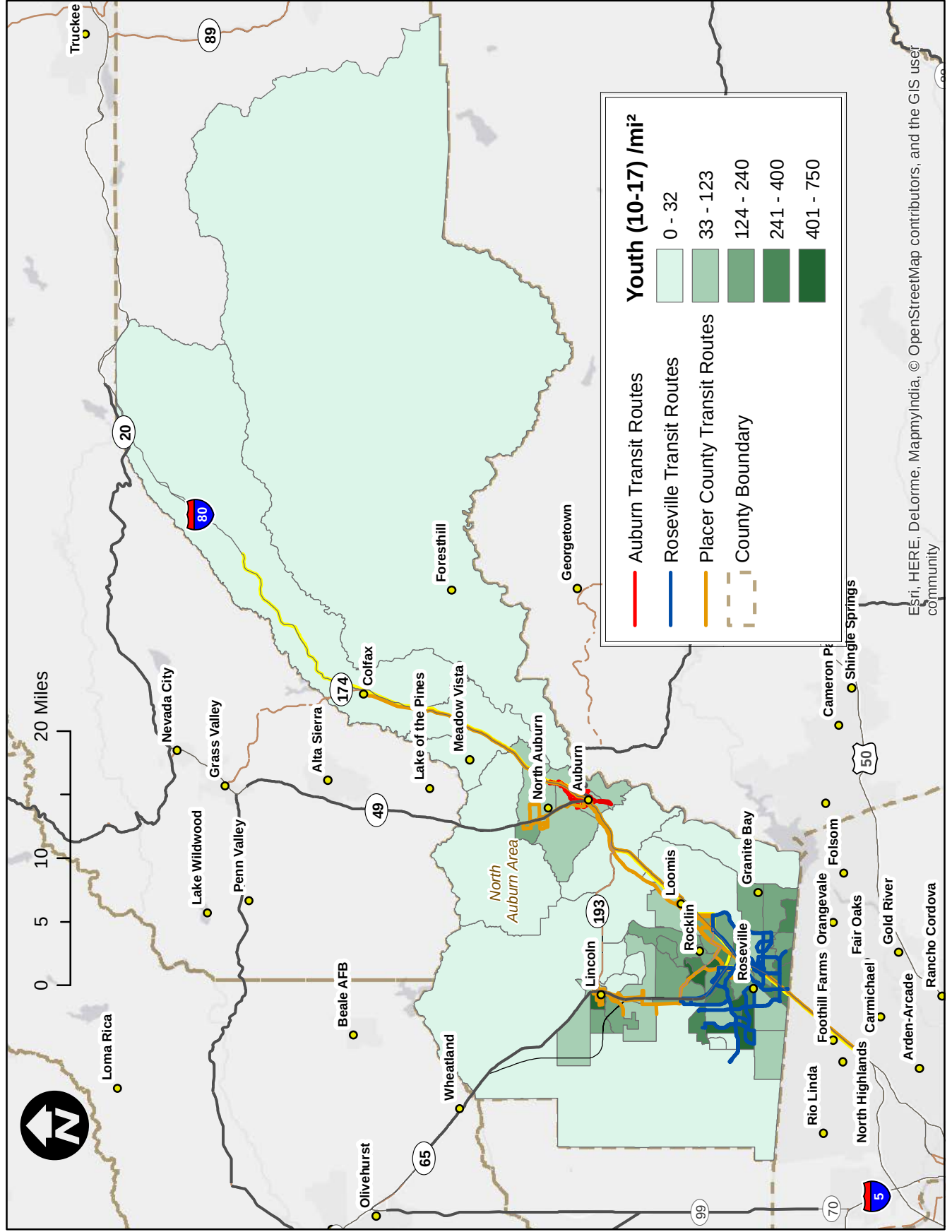


Figure 5
Youth Population Density in the Roseville Area

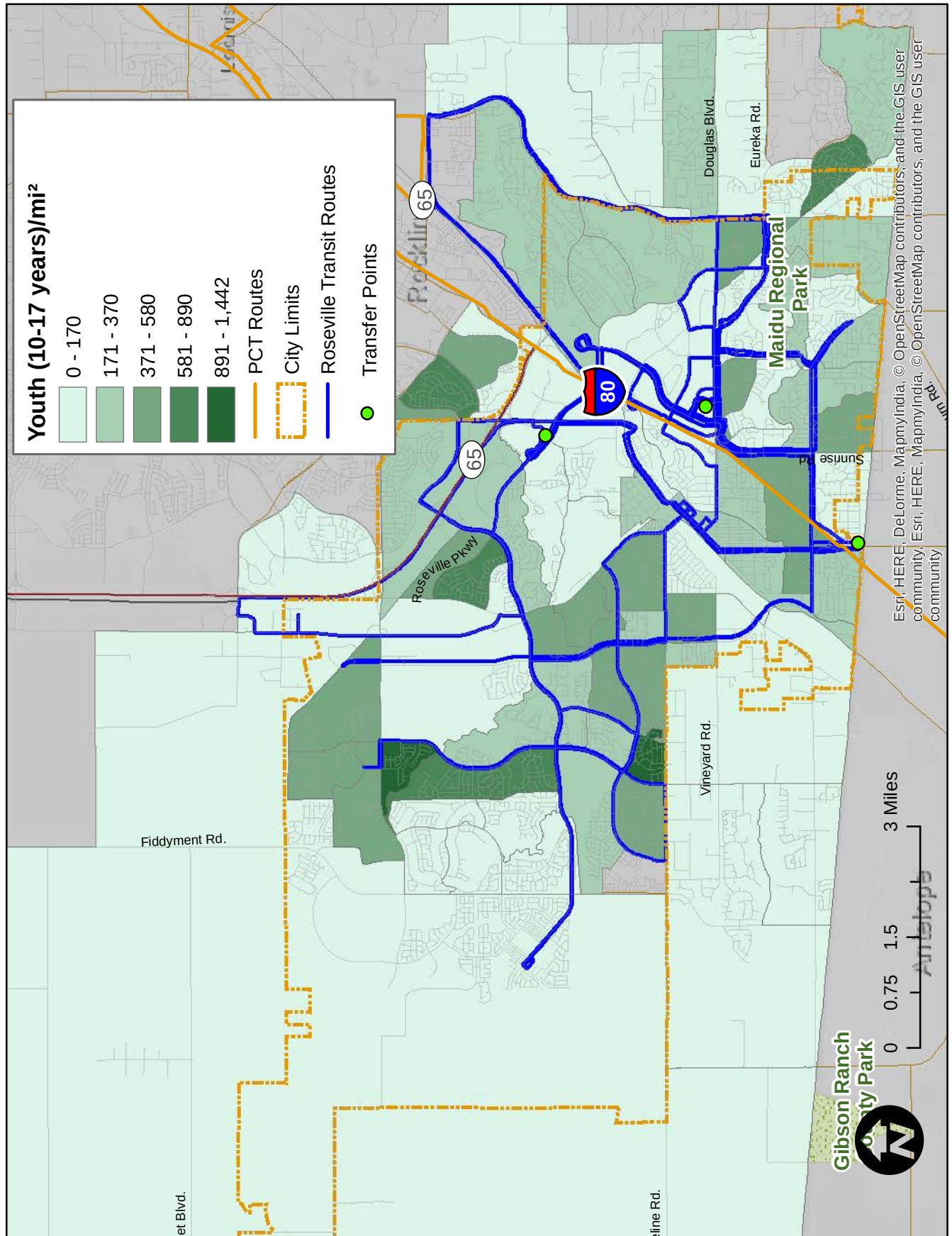
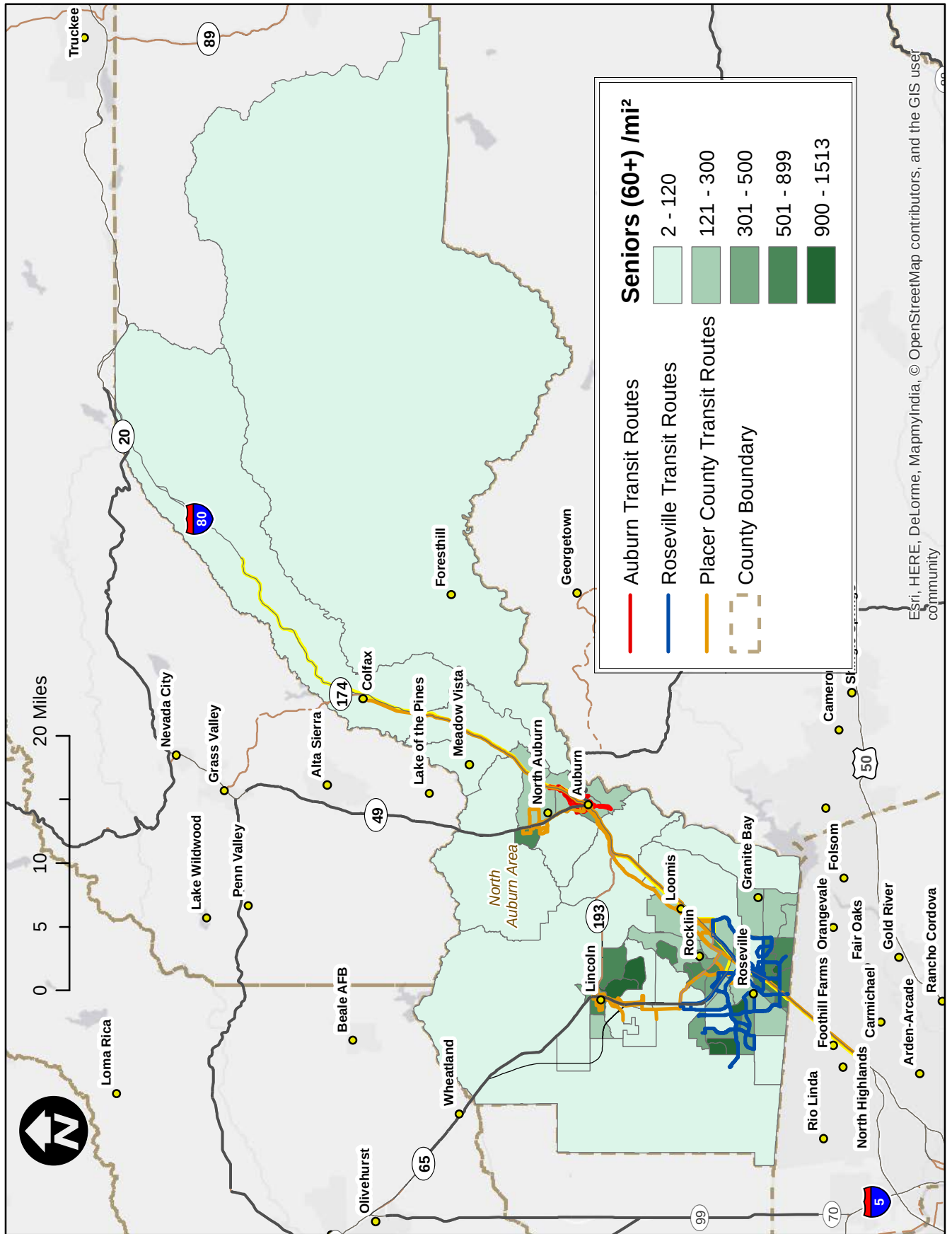


Figure 6
Senior Population Density By Census Tract Placer County Transit Area



ESri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Figure 7
Senior Population Density in the Roseville Area

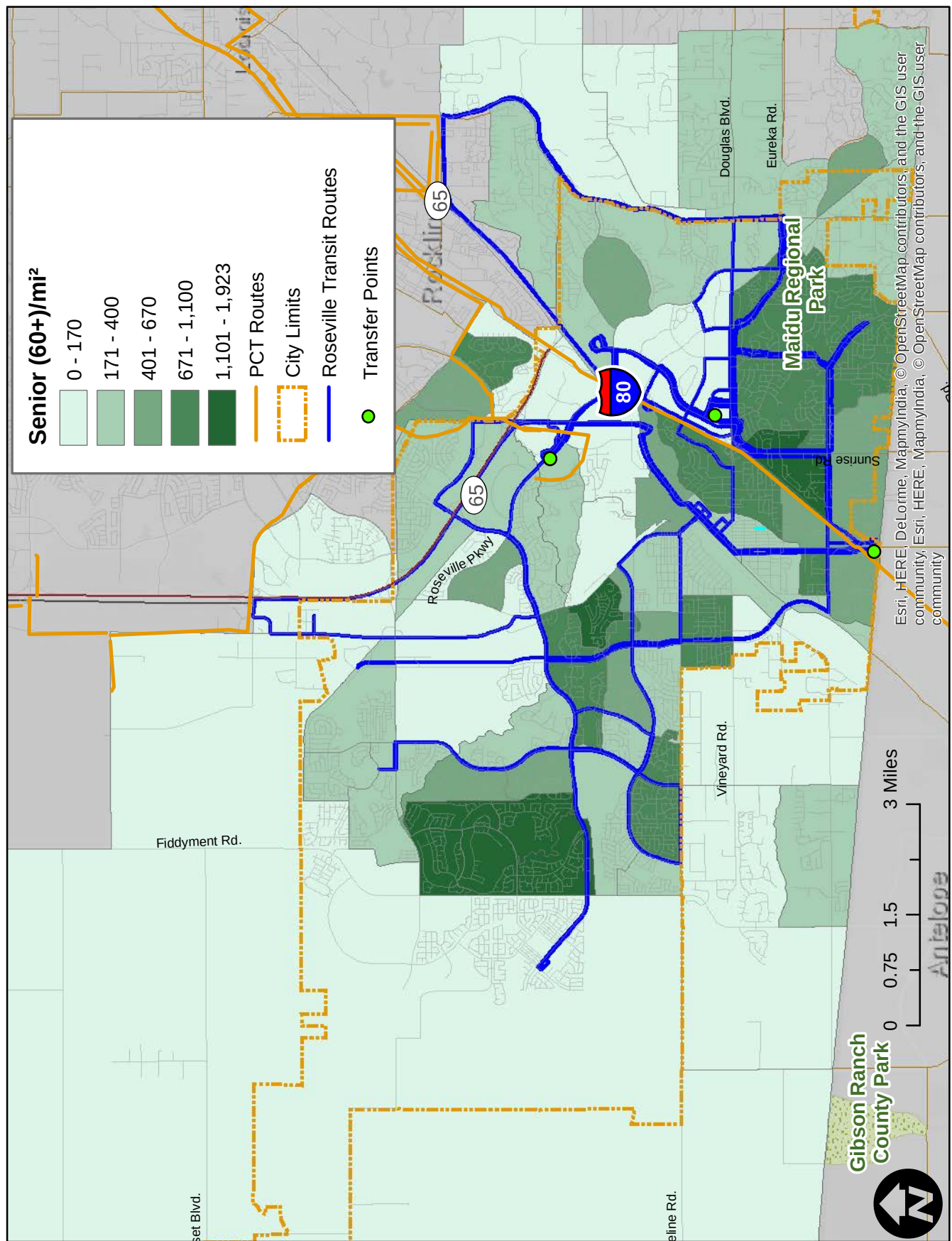
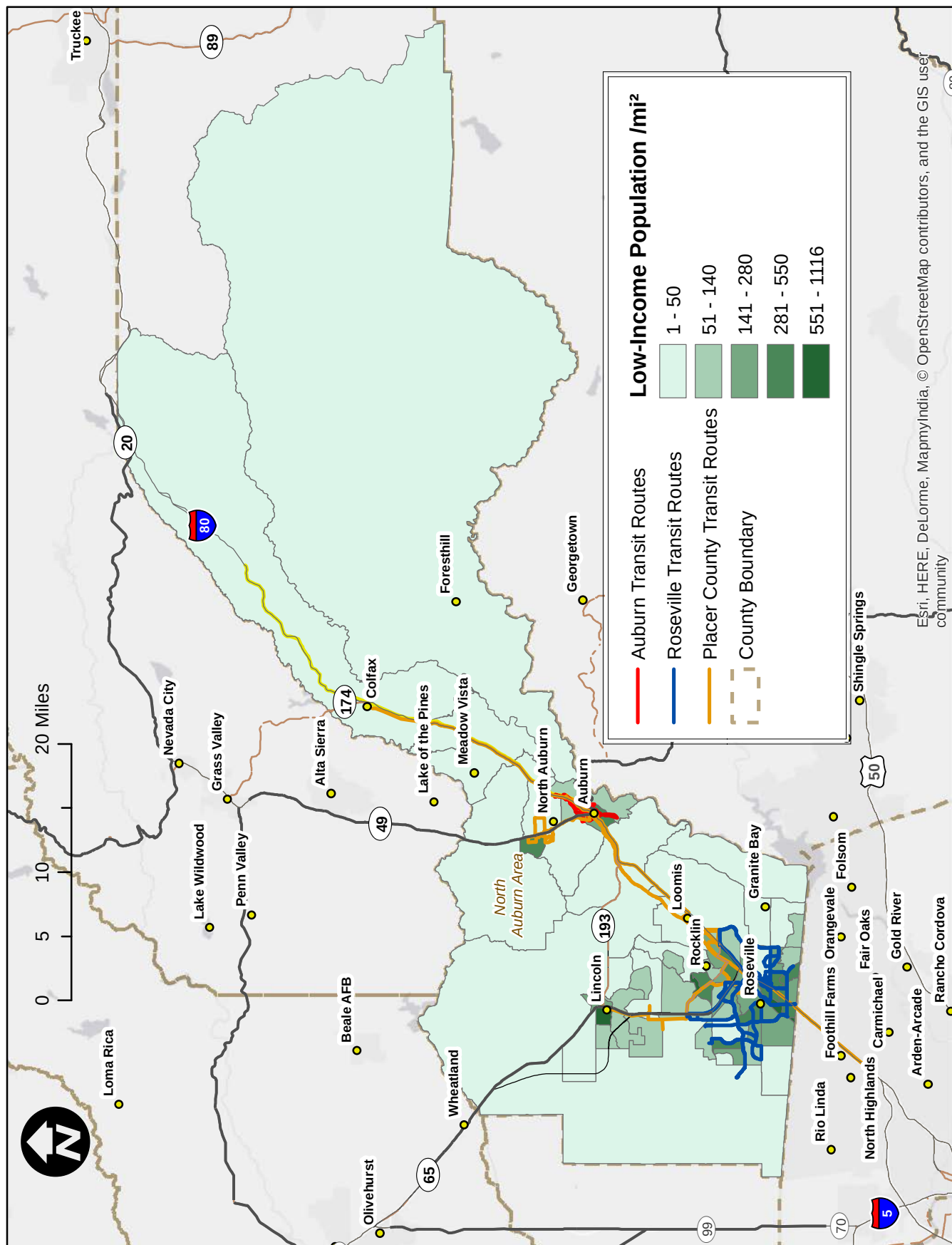


Figure 8
Low-Income Density By Census Tract Placer County Transit Area



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Figure 9
Low Income Household Density in the Roseville Area

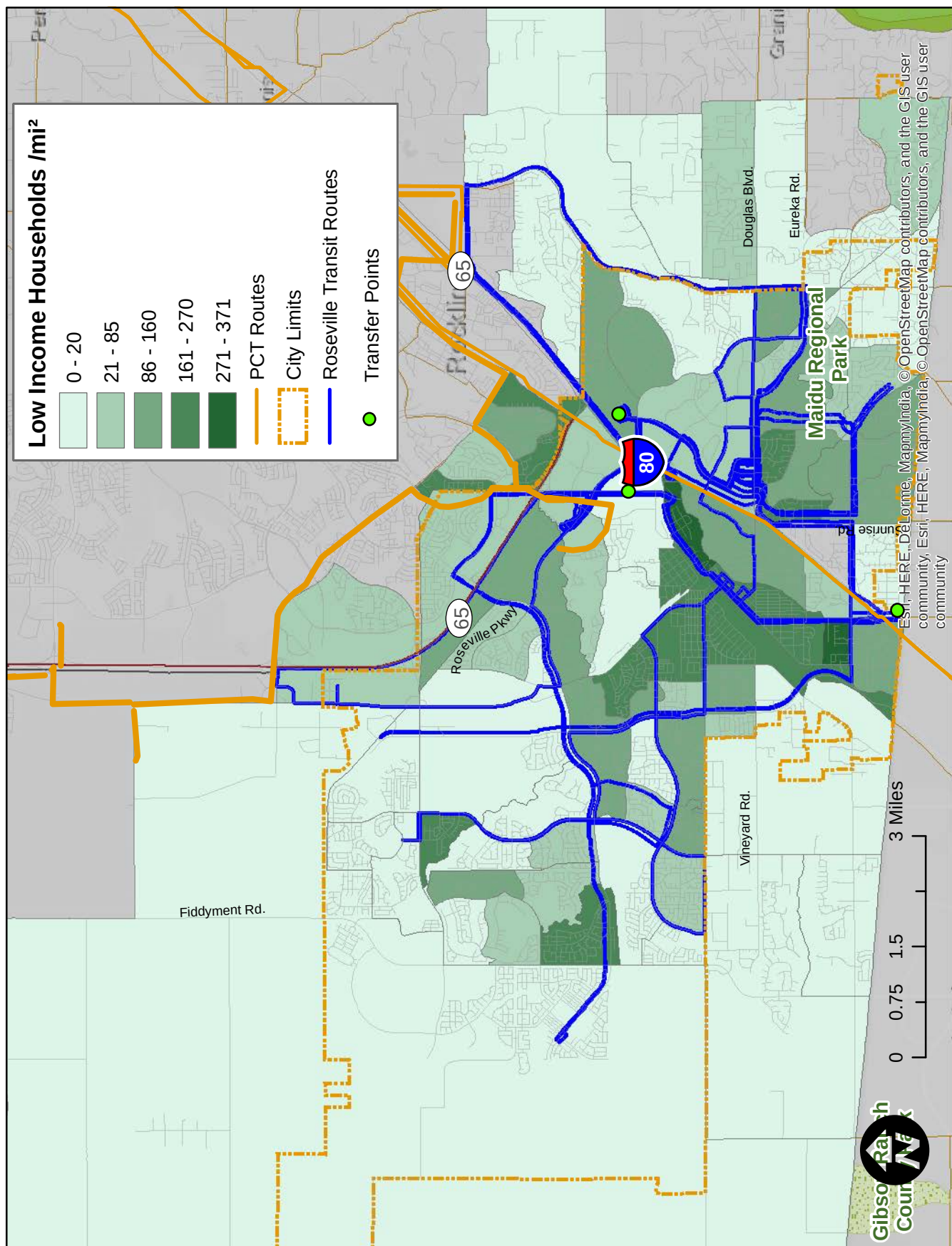


Figure 10
Population with a Disability Density By Census Tract Placer County Transit Area

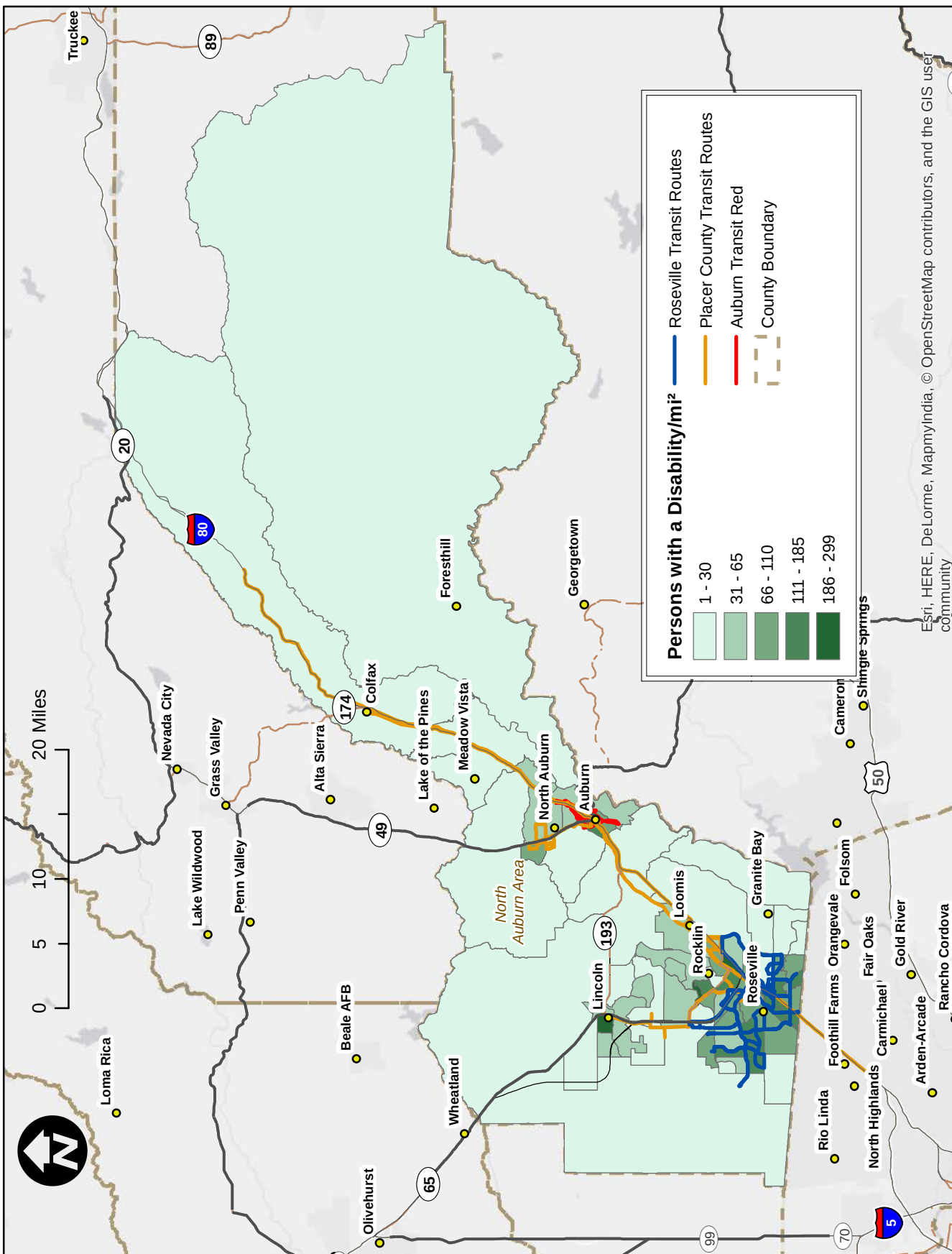


Figure 11
Population with a Disability Density in the Roseville Area

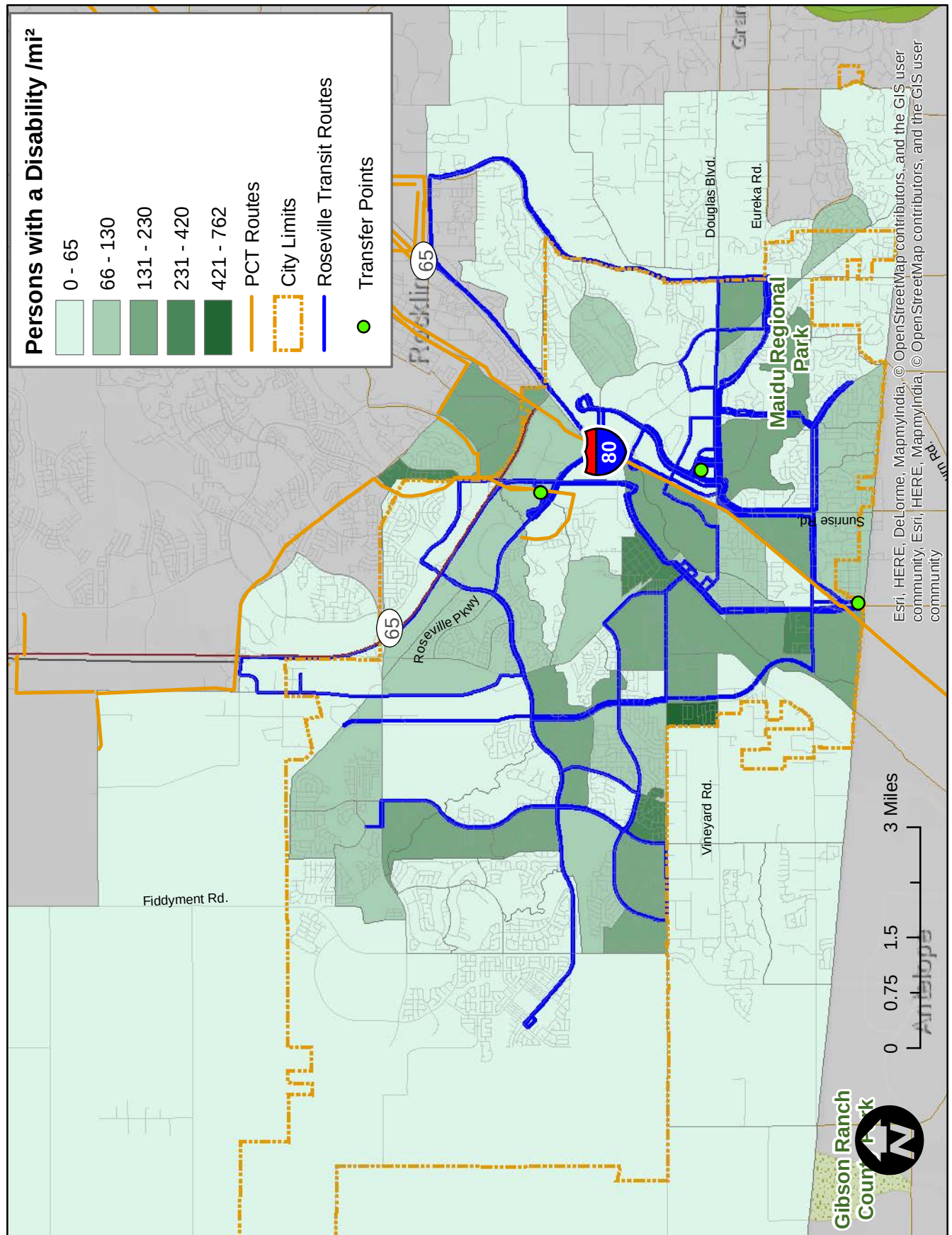


Figure 12
Zero Vehicle Household Density By Census Tract Placer County Transit Area

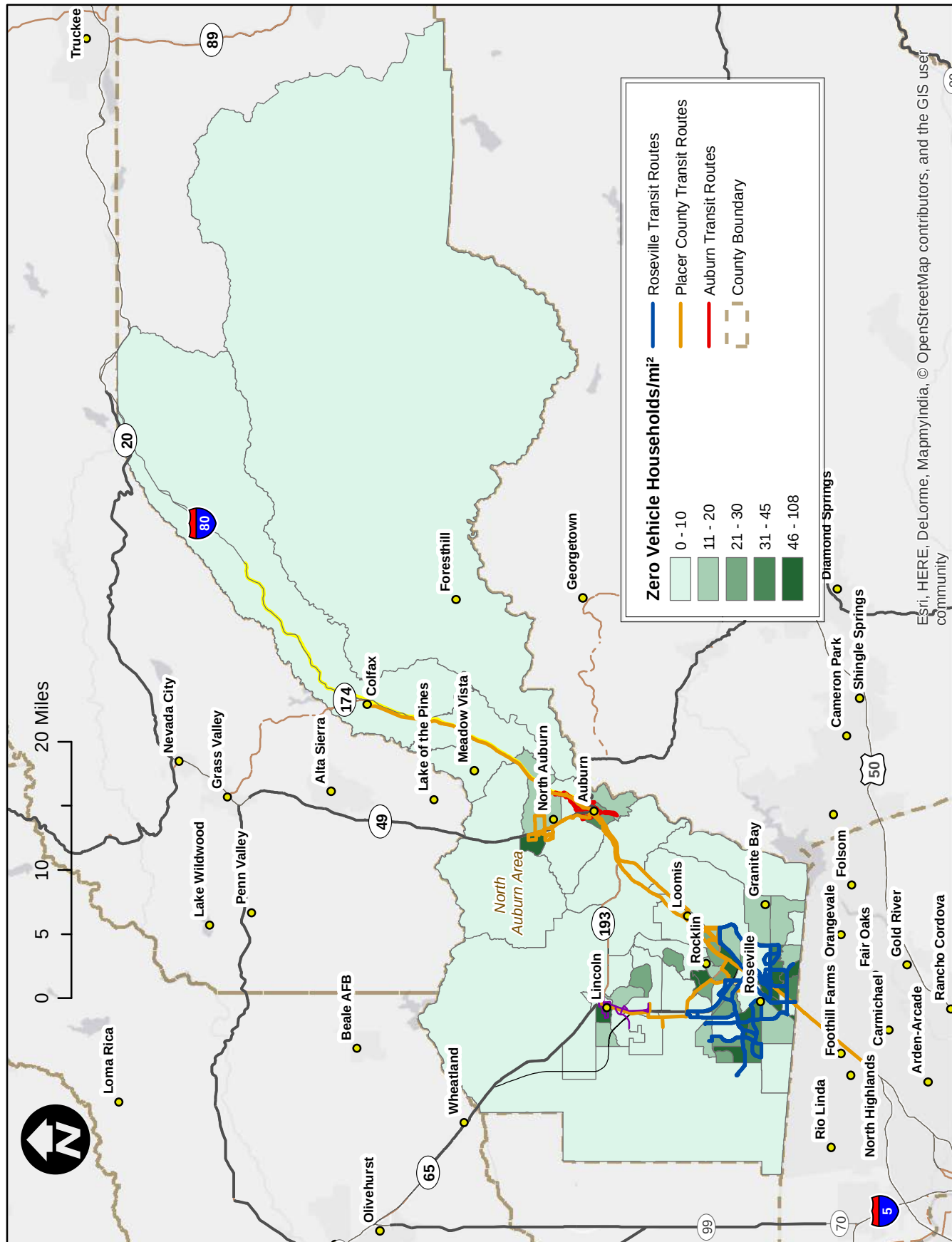
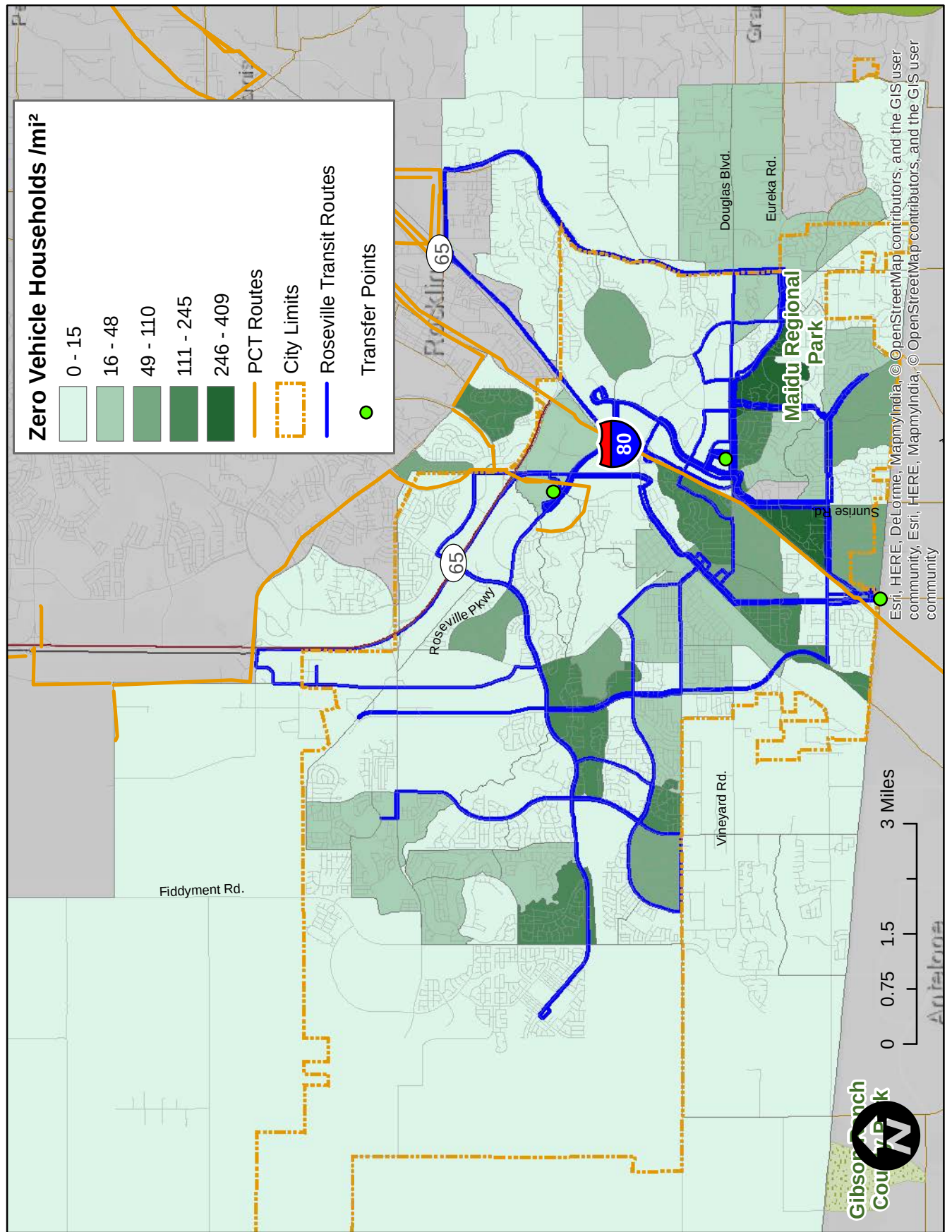


Figure 13
Zero Vehicle Household Density in the Roseville Area



services but some are over a one mile walk away. However, DAR does serve these areas directly.

- In Roseville (Figure 7) the greatest number of residents over age 60 per square mile are found in the block groups near the Sierra Pines Golf Course (1,500 to 1,900 per square mile).
- **Low Income Households** - According to the Census roughly 9 percent of study area households or 31,300 households were living below the poverty level in 2015. There is likely significant overlap between low income households and zero-vehicle households.
 - Figure 8 (data for the western county area by census tract) shows that central Lincoln has the greatest concentration of low income households in the study area with over 1,000 low income households per square mile followed by the commercial core area of Rocklin north of Sunset Avenue with 680 low income households per square mile.
 - Within the Roseville Transit service area (Figure 9) there are multiple block groups of 300 or more low income households per square mile: between Dry Creek and Cirby Way, near Eastwood Park and in the Enwood area south of Atlantic Ave.
- **Disabled** - Roughly five percent of the study area population age 20 to 64 (16,086 persons) has some type of disability.
 - For the broader area (Figure 10), the census tracts with the densest population of disabled residents are located in Rocklin (commercial core area north of Sunset and the area west of I-80 and south of Rocklin Road) and central Lincoln. In all these census tracts at least 200 disabled residents per square mile were recorded.
 - In the Roseville Transit service area (Figure 11), the block group which stands out as having the greatest concentration of disabled residents is located between Foothill Blvd, Riesling Drive and the City Limits (762 disabled residents per square mile).
- **Zero Vehicle Households** – Perhaps the greatest indicator of transit dependency is households with no vehicle available. The study area as a whole has 4,204 zero vehicle households. This represents three percent of the households in the study area according to the US Census American Community Survey.
 - The census tracts with the largest concentration of zero vehicle households in western Placer County are found in Roseville (Figure 12). West central Lincoln

and the commercial core area of Rocklin north of Sunset have close to 60 zero vehicle households per square mile. Both these area are fairly well served by public transit.

- In Roseville (Figure 13), the block group which includes the Terraces of Roseville retirement community has the greatest concentration of zero vehicle households (438), followed closely by the block group including Eastwood Park (373 zero vehicle households per square mile). Both of these areas are well served by public transit making it possible for residents to live in these areas without a vehicle.

Other Population Characteristics

Veteran Population

Another subset of transit dependent population is veterans. Veterans often need to travel longer distances to medical centers and clinics which are part of the Veterans Administration (VA). Veterans are potentially eligible for WPTCSA services if they are disabled or over age 60. The closest VA Medical Center for Western Placer County residents is in Mather, CA just outside Sacramento. VA Outpatient Clinics are located in McClellan, Mather and Auburn, CA. A Vet Center is located in nearby Citrus Heights. Table 3 shows the total veteran population for each transit operator service area according to the US Census. Tables B-4 – B-6 in Appendix B present the veteran population by census tract and block group for each region.

Table 3: Western Placer County Other Population Characteristics									
Transit Service Area	Total Population	Total Households	Square Miles	Veteran		Hispanic or Latino, or Other Race, not White		Limited English Proficiency Households	
				#	%	#	%	#	%
Western Placer County	353,847	130,482	1,952	27,487	7.8%	103,046	29.1%	3,243	2.5%
Roseville Area	135,392	49,325	160	9,254	6.8%	45,695	33.8%	1,471	3.0%
Source: US Census American Community Survey, 2015 Estimates									

- For Western Placer County as a whole, roughly 7.8 percent (27,487 people) of the population are veterans. As for census tracts with the greatest number of veterans: over 1,000 veterans live in the census tract that includes the Sun City Lincoln Homes active adult community. A relatively high number of veterans (around 900) reside in the census
- tracts which encompass the City of Colfax, Alta and Dutch Flat. Fixed route public transit services are limited to these communities.

- In the Roseville area, 9,254 veterans were recorded by the US Census. The block group with the greatest number of veterans is located West of Fiddymment Road (639 veterans)

Minority and Limited English Proficiency Population

An important part of the planning process is ensuring environmental justice. Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Any planning process should not have a greater significant negative impact on minority populations. Additionally, the planning process should ensure meaningful involvement from these populations. The objective of a transit plan is to improve mobility for all community residents, including minority populations. To ensure that all segments of the population are considered in the transit planning process, Table 3 and Tables B4 – B6 in Appendix B identify population number for “Latino, Hispanic, Other Race Non-White” residents and households with limited English proficiency. This data is also helpful for identifying pockets where bilingual transit information and marketing is particularly important.

- Roughly 29 percent of the western Placer Study Area (103,046 people) is considered Hispanic, Latino or Other Race not-White. In the Roseville Area, the proportion is greater: 33.8 percent. There are 3,243 Limited English Proficiency (LEP) households in the study area (Western Placer County), which represents around 2 percent of total households. The study area census tract with the highest proportion of “Non-White” residents is located in central Lincoln west of Lincoln Blvd, where 57 percent of residents (4,511) fit into the Hispanic, Latino, Other Race Non-White category. This census tract also has the highest number of LEP households in the study area, 387 households or 16 percent. The large census tract west of Lincoln and Roseville also has a high proportion of “Non-White” residents (42 percent or 5,715 people). This area is not served by fixed route public transit.
- In Roseville, the block groups in Roseville Heights (1,313 or 64 percent) and Between Dry Creek, Vernon, Cirby and Riverside (697 or 59 percent) have the greatest proportion of “Non-White” residents. The block group west of Fiddymment Road (much of which is outside the City limits) has the greatest number of LEP households (160 or 4 percent).

EMPLOYMENT

Commute Patterns

Countywide

An analysis of commute patterns is important for public transit planning, particularly as both Roseville Transit and Placer County Transit operate successful commuter services into downtown Sacramento. The US Census Longitudinal Employer Household Dynamics (LEHD)

provides commute pattern data for 2015. As LEHD data tracks job locations by employer address, it is difficult to accurately track those who telecommute. For this reason, LEHD data can often show high numbers of employees travelling long distances to work. Nevertheless, the LEHD data is the best data available to review commute patterns.

Table 4 presents commute patterns for Placer County as a whole. As shown, the greatest number of employed Placer County residents work within the City of Roseville (22,193 or 16.1 percent). This is closely followed by the City of Sacramento (19,034 or 13.8 percent). Other Placer County communities with a significant amount of jobs for Placer County residents are Rocklin, North Auburn, Auburn, and Lincoln. For jobs located within Placer County, the greatest number of employees filling these jobs live in the City of Roseville (17,344 or 13 percent), followed by the City of Rocklin (9,440 or 7.1 percent). A significant number of Placer County employees commute from the City of Sacramento (6,858 or 5.1 percent) and an additional 6,255 employees (4.7 percent) commute from nearby Citrus Heights.

Roseville

Figure 14 graphically displays locations of employment for Roseville residents by census tract. This includes persons employed at all employers. The greatest number of Roseville residents (2,112 employees) work in the census tract which encompasses the Lead Hill area, Kaiser Permanente and the Sierra Gardens Roseville Transit Transfer Point within Roseville. The next largest pocket of employment locations for Roseville residents is downtown Sacramento centered around the Capital (1,546 employees). Other areas of note are the census tract including the Galleria Mall and the tract including Foothills Blvd north of Pleasant Grove.

Major Employers in Placer County

Data from the California Employment Development Department presented in Table 5 confirms that the majority of major employers in western Placer County are located in Roseville. Industries range from tech companies to health care. Placer County is a large employer and most offices are located in Auburn. The Thunder Valley Casino located in Lincoln is also a major employer for the area.

MAJOR ACTIVITY CENTERS

Figure 15 displays likely destinations for transit riders. These include schools, colleges, government services, medical facilities and large shopping centers. As shown, generally fixed route services serve most transit activity centers. A few senior apartment complexes are located off the fixed route but they are served by DAR.

PROPOSED LAND DEVELOPMENT PROJECTS

As shown in Table 1 above, Placer County has been growing at a rapid rate and is projected to continue to grow at 1.4 percent annually. There is vacant land available on the outskirts of each community and many large development projects have been approved or are under construction. Some of these developments could generate significant demand for new transit services. The following outlines proposed land use development projects by area that are expected to result in at least partial development over the coming seven years.

Table 4: Commute Patterns for Placer County Residents and Workers

Places Where Placer County Workers are Employed			Placer Where Placer County Workers Live		
	Count	Share		Count	Share
Roseville, CA	22,193	16.1%	Roseville, CA	17,344	13.0%
Sacramento, CA	19,034	13.8%	Rocklin, CA	9,440	7.1%
Rocklin, CA	7,902	5.7%	Sacramento, CA	6,858	5.1%
North Auburn CDP, CA	5,238	3.8%	Citrus Heights, CA	6,255	4.7%
Arden-Arcade CDP, CA	4,109	3.0%	Lincoln, CA	5,995	4.5%
Folsom, CA	3,985	2.9%	Antelope CDP, CA	3,056	2.3%
Rancho Cordova, CA	3,951	2.9%	Auburn, CA	2,840	2.1%
Auburn, CA	3,757	2.7%	Folsom, CA	2,647	2.0%
Lincoln, CA	2,828	2.1%	Granite Bay CDP, CA	2,630	2.0%
San Francisco, CA	2,525	1.8%	Carmichael CDP, CA	2,326	1.7%
Citrus Heights, CA	2,230	1.6%	North Auburn CDP, CA	2,296	1.7%
Carmichael CDP, CA	1,897	1.4%	Arden-Arcade CDP, CA	2,290	1.7%
Granite Bay CDP, CA	1,724	1.3%	Orangevale CDP, CA	1,996	1.5%
North Highlands CDP, CA	1,690	1.2%	Elk Grove, CA	1,822	1.4%
San Jose, CA	1,496	1.1%	North Highlands CDP, CA	1,761	1.3%
West Sacramento, CA	1,434	1.0%	Foothill Farms CDP, CA	1,760	1.3%
Loomis town, CA	1,412	1.0%	Rancho Cordova, CA	1,700	1.3%
Stockton, CA	1,047	0.8%	Truckee town, CA	1,557	1.2%
El Dorado Hills CDP, CA	884	0.6%	Fair Oaks CDP, CA	1,398	1.0%
Elk Grove, CA	881	0.6%	El Dorado Hills CDP, CA	1,326	1.0%
Oakland, CA	831	0.6%	Yuba City, CA	1,227	0.9%
Grass Valley, CA	773	0.6%	Loomis town, CA	1,059	0.8%
Yuba City, CA	745	0.5%	San Jose, CA	1,029	0.8%
Gold River CDP, CA	672	0.5%	Reno, NV	1,022	0.8%
Antelope CDP, CA	666	0.5%	Stockton, CA	782	0.6%
All Other Locations	43,752	31.8%	All Other Locations	50,944	38.2%
Total Employed Residents	137,656		Total Workers	133,360	

Source: US Census Longitudinal Household Employer Dynamics 2015 data

Figure 14
Where Roseville Residents Work

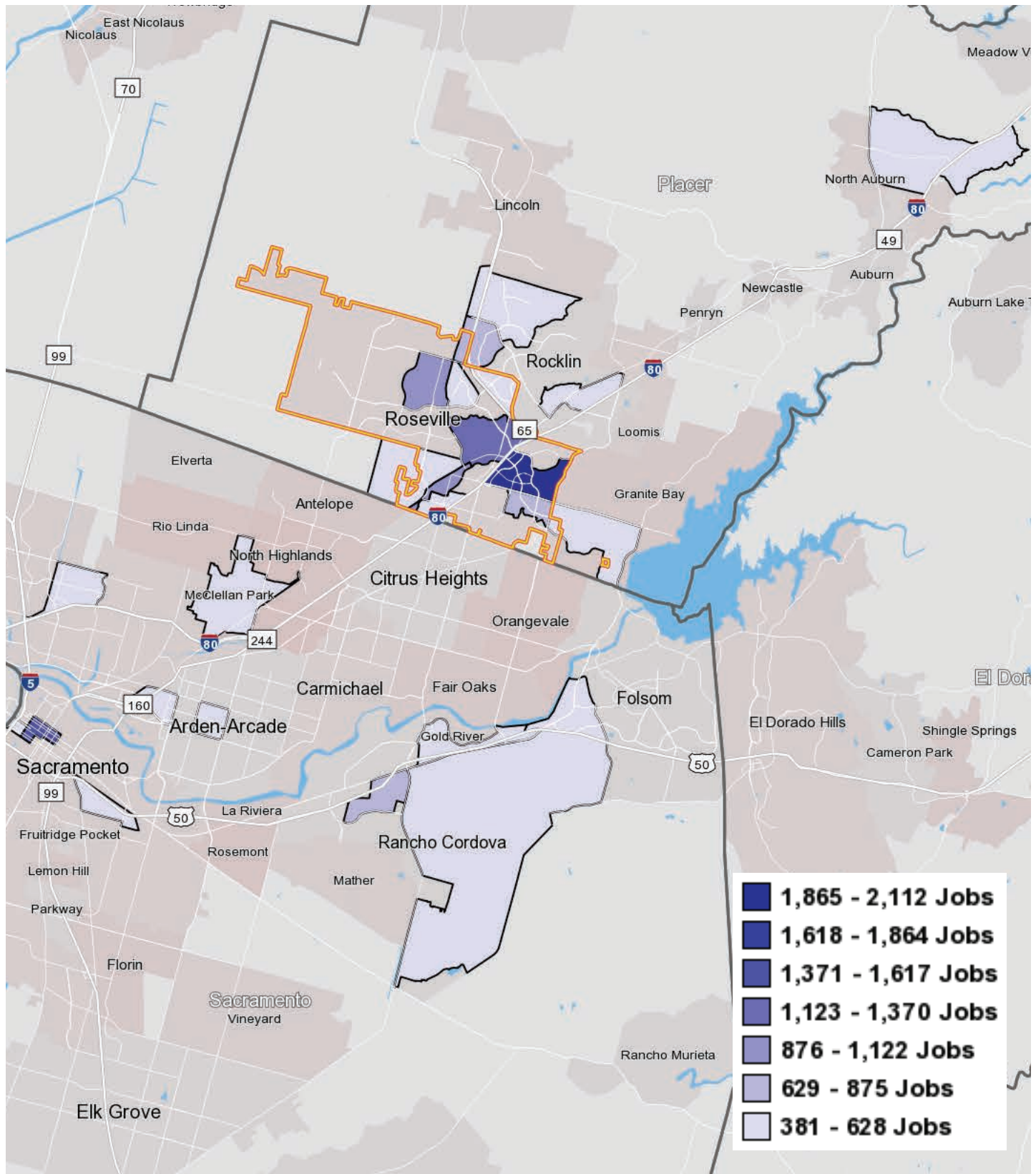


Table 5: Major Employers in Western Placer County

Employer	# of Employees	Location
AT&T	1,000 - 1,499	Lincoln Way, Auburn
Hewlett Packard	1,000 - 1,499	Foothills Blvd, Roseville
Placer County Government Services	1,000 - 1,499	B Street, Auburn
Pride Industries	1,000 - 1,499	Foothills Blvd, Roseville
Sutter Roseville Medical Center	1,000 - 1,499	Medical Plaza Dr, Roseville
Thunder Valley Casino	1,000 - 1,499	Athens Ave., Lincoln
Consolidated Communications	500 - 999	Industrial Ave, Roseville
Placer County Education	500 - 999	Nevada St., Auburn
Advantist Health	500-999	Creekside Ridge Dr., Roseville
Golfand Sunsplash	500-999	Taylor Rd, Roseville
Source: CA Employment Development Department		

City of Roseville Projects

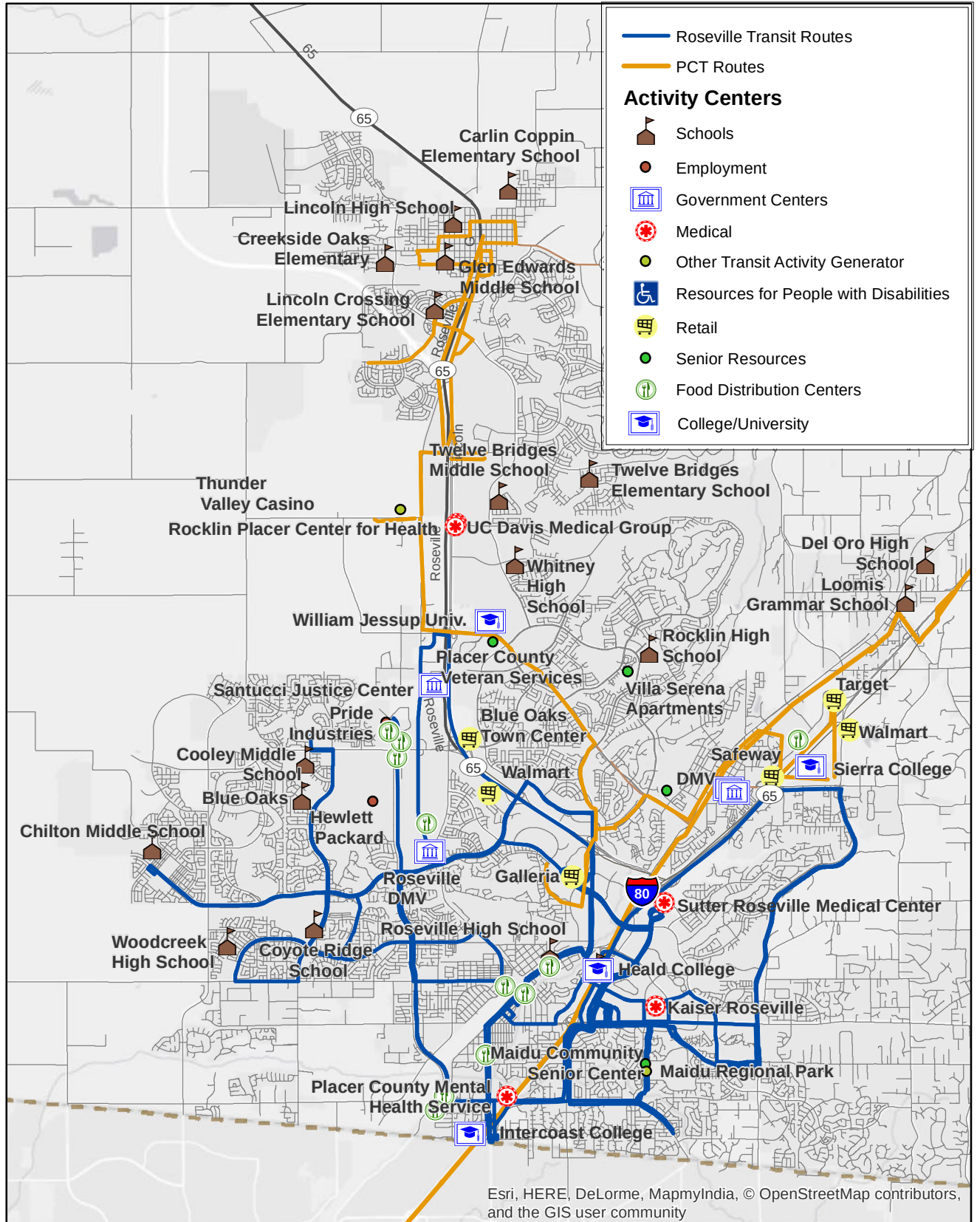
Amoruso Ranch is a 694 acre specific plan project located northwest of the current City limits, south of West Sunset Boulevard approximately 1.5 miles west of Fiddymment Road. The proposed project will result in the development of a mix of uses, including 337 acres of low, medium and high density residential land developed with 2,827 dwelling units. The land use plan also includes three commercial parcels totaling 51 acres, a 9.6-acre elementary school site, seven neighborhood parks, and a 3-acre fire station/public facilities site. Approximately 135 acres of the site will be set aside as open space preserve.

The **West Roseville Specific Plan** is the 3,162 acres area west of Fiddymment Road, generally north of Pleasant Grove Boulevard. The plan was adopted in February 2004 and the plan area was annexed into the City of Roseville from unincorporated Placer County. The adopted specific plan allows for 8,792 single and multi- family units, including approximately 704 age-restricted units, 57 acres of commercial, 109 acres of industrial, 255 acres of park, 705 acres of open space, and 108 acres of schools. At build-out the plan area is expected to accommodate approximately 22,332 residents and provide 3,726 jobs. The remainder of the plan area is expected to be constructed over the next five to ten years. Currently Roseville Transit serves only the Pleasant Grove Boulevard corridor of this plan area.

Campus Oaks Master Plan area is located east of Woodcreek Oaks Blvd and south of Blue Oaks Blvd. The approved project will include 948 new residential units with a mixture of high density, medium density and low density. Most of these units will be within one quarter mile of existing Roseville Transit Routes.



Figure 15
South Placer Activity Centers



Kaiser Riverside and Cirby Medical Office Building – There is a planned expansion of the existing medical office building located on Riverside Drive which will double the capacity of the existing building. The building is currently served by Roseville Transit.

Unincorporated Placer County

There are several major developments in unincorporated Placer County that could have impacts on the demand for or provision of transit service in Roseville:

- **Placer Vineyards:** The Placer Vineyards Specific Plan Area consists of approximately 5,230 acres of land located north of the city of Sacramento and southwest of the city of Roseville in an unincorporated area of Placer County. The Specific Plan Area is located at the southwest corner of Placer County and is bound by Base Line Road to the north, the Placer County / Sutter County line and Pleasant Grove Road to the west, the Placer County / Sacramento County line to the south, Dry Creek to the south and east, and an abandoned portion of Walerga Road to the east. At buildout, the specific plan area will increase the population of Placer County by 32,800 new people over the next 20 to 30 years. Currently Roseville Transit Routes D and M travel within one mile of the edge of the development and the closest connection to Placer County Transit would be at the Roseville Galleria. The Placer Vineyards Specific Plan requires the development to implement transit-related mitigation requirements. The Placer Vineyards Transit Master Plan outlined the following transit services to be implemented as development occurs:
 - Local route circulating around the Specific Plan area on hourly and half-hourly peak headways.
 - Commuter route via Watt Avenue to connect residents to Sac RT Light Rail
 - Inter-regional service that connects to the Roseville Galleria on hourly headways

At this time, it is unknown who will operate these transit services and if there will be sufficient demand to implement these services within the seven-year SRTP time frame. Regardless, Roseville Transit and Placer County Transit will need to connect to the new Placer Vineyards Inter-regional route at the Roseville Galleria in the future.

- **Riolo Vineyard:** The Riolo Vineyard Specific Plan Area is a 526-acre master planned community planned for 884 single family residential units and 10.5 acres of commercial located just south and east of Placer Vineyards. In 2017 as part of the Riolo Vineyard Specific Plan, a Transit Zone of Benefit was established by the Placer County Board of Supervisors. The Zone of Benefit includes the area bound by Watt Ave to the west, PFE Road to the south and Walerga Road to the east. As part of the program, future home owners in the development will be assessed a fee of \$46.46 per year in property tax to help fund the future transit service identified in the Placer Vineyards Transit Master Plan. This develop could also impact the need for revisions to Route D and/or commuter service.

- **Sunset Industrial Area/Placer Ranch:** The Sunset Industrial Area (SIA) is an 8,900-acre area in unincorporated western Placer County, located west of the Highway 65 corridor and situated between the Cities of Lincoln to the north, Rocklin to the east, and Roseville to the south. The Placer Ranch Specific Plan area lies within the SIA. The existing Thunder Valley Casino is located within the SIA planning area. The draft land use vision for the area is to include more modern planning concepts, such as an entertainment mixed-use district to bring in visitors and consumers from outside the region; a 400-acre innovation center district similar to a Google corporate campus; and an eco-industrial district to provide opportunities for energy alternatives, enhanced recovery of materials and solid waste related research and development. Development of the SIA area is likely beyond the time horizon of this SRTP as a Draft Environmental Impact Report (EIR) has not yet been prepared.

DEMOGRAPHIC OVERVIEW FINDINGS

The following presents a summary of findings from the demographics review:

- The population of Roseville (and western Placer as a whole) has the potential to expand significantly over the next 10 years, particularly older adults who may become transit dependent. Another result of population growth is an increase in traffic volumes on local roadways. This could make some public transit services (particularly commuter routes) more attractive.
- There are multiple large residential and commercial developments currently going through the planning process. Although many may not be built out during this plans time horizon, they should be considered in drafting the short range transit plans
- A significant number of Roseville and other western Placer area residents commute to Sacramento for work. The majority of these commuters work in the downtown area near the capital. This indicates that although commuter services to other Sacramento locations could be warranted, the majority of services should continue to serve the downtown area.
- Roseville has the most employment centers as well as major transit activity generators for western Placer County residents. This underscores the importance of maintaining and increasing good connections between Roseville Transit and Placer County Transit.

OVERALL SERVICE DESCRIPTION AND ORGANIZATION

Public transit has been operating in Roseville since 1970. A fixed route service was initially operated by Mountain Transportation Cooperative (MTC), which evolved into a demand responsive service in 1971. With the loss of federal funding in 1973, MTC was forced to shut down which in turn led to the City of Roseville contracting with the Sacramento Regional Transit District for commuter and fixed route service. Demand response service resumed in 1978 under contract. The service has since evolved into three service modes: local fixed route, commuter and Dial-A-Ride. The Dial-A-Ride and ADA paratransit services both operate within the jurisdictional boundaries of the City of Roseville during regular service hours and on Sundays.



In 2017 Roseville Transit also began operation of the Game Day Express providing service between Roseville and the Golden One Arena for Kings basketball home games. On behalf of and with support from the Western Placer Consolidated Transportation Services Agency (WPCTSA), the City of Roseville operates the following regional programs: the South Placer Transit Information Center, Transit Ambassador Program, and mobility program.

Roseville Transit is managed by the City of Roseville Public Works Department, using a contractor to provide management and operations of Roseville Transit and the South Placer Transit Information Center. Vendor responsibilities include providing drivers, dispatch, reservationists, direct oversight, and insurance as well as cleaning of all the bus shelters. City of Roseville Alternative Transportation Division staff manage the contract and City of Roseville Public Works staff maintain and supply fuel for the city-owned transit vehicle fleet. City staff also manage the contract with trainers for the mobility program, recruit and train transit ambassadors, staff outreach events, and provide a wide range of marketing materials, public information using social media and print materials.

LOCAL FIXED ROUTES

Roseville Transit operates 11 local fixed routes within the City of Roseville and connecting to other regional public transit services. The following services are provided, as shown in Figure 16 and summarized in Table 6:

Local Route A- Louis/Orlando, Civic Center, Galleria to Sierra Gardens -- Routes A and B operate as directional pairs on the same large loop. Service runs Monday through Friday every 30 minutes, beginning at 6:00 am to 6:30 pm, then hourly thereafter until 9:53 pm. On Saturdays, this service operates hourly in a clockwise direction from 8:00 am to

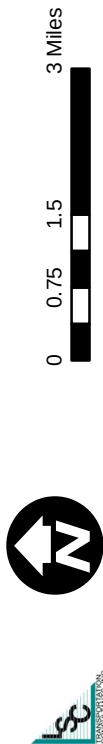
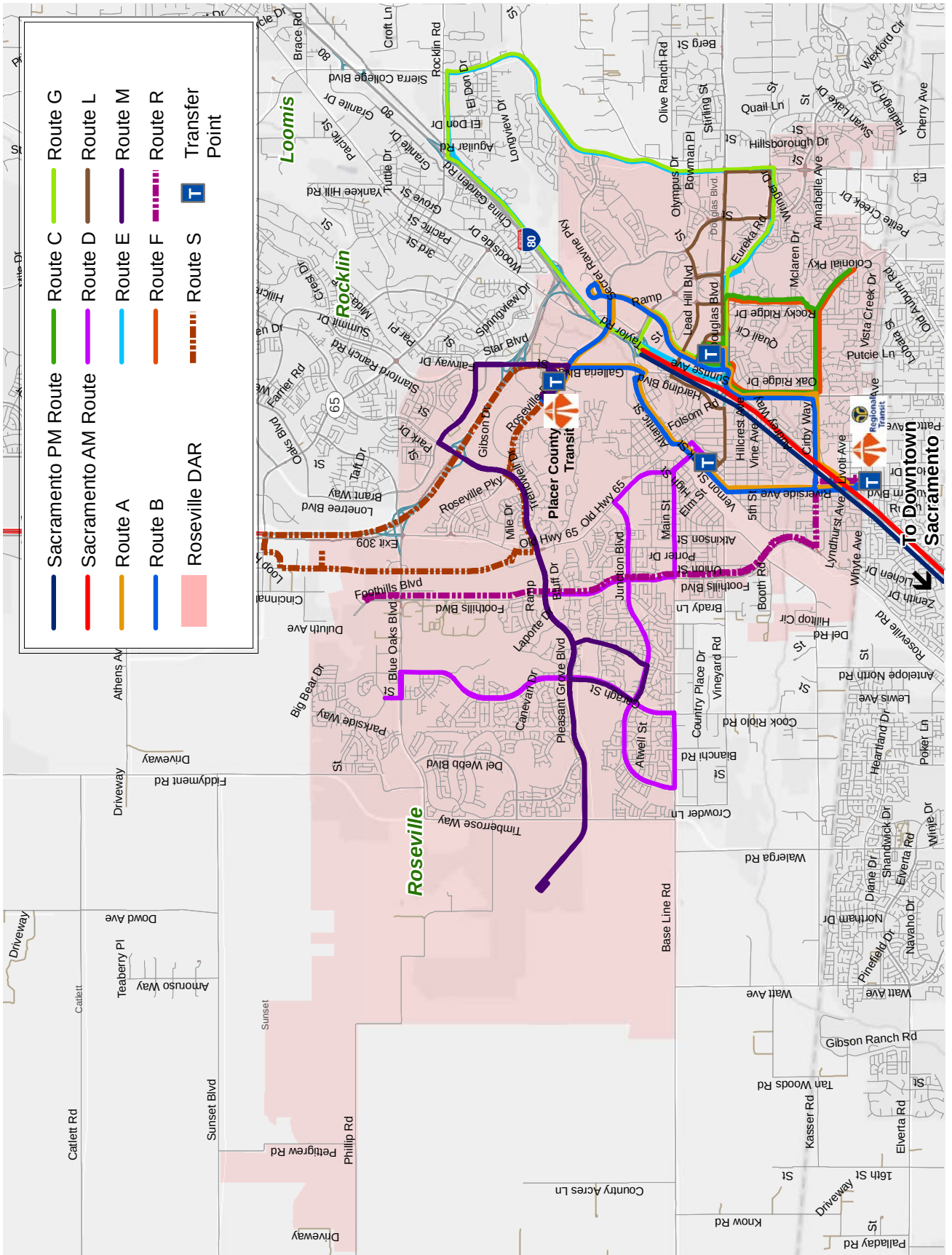


Figure 16
Roseville Transit Existing Transit Services



5:00 pm. There are four transfer points along this route, at Sierra Gardens, Louis/Orlando the Civic Center and the Galleria at Roseville shopping center, with connections to Placer County Transit, Sacramento Regional Transit, other local routes and Commuter Routes. Key destinations along this route include Sutter Roseville Medical Center, Sierra College, Johnson Pool, Roseville High School and the Galleria at Roseville Shopping Center.

Table 6: Existing Local Roseville Transit Service Plan

		Route										
		A	B	C	D	E	F	G	L	M	R	S
Service Frequency -- Minutes Between Buses												
Weekday	Start Time	6:00	6:10	6:30	5:42	7:53	7:39	6:53	6:25	5:57	7:30	
	6:00 AM	30	30	120	60				60			
	7:00 AM	30	30	120	60			120	60	60	2 Runs	2 Runs
	8:00 AM	30	30	120	60	120	120	120	60	60		
	9:00 AM	30	30	120	60	120	120	120	60	60		
	10:00 AM	30	30	120	60	120	120	120	60	60		
	11:00 AM	30	30	120	60	120	120	120	60	60		
	12:00 PM	30	30	120	60	120	120	120	60	60		4 Runs
	1:00 PM	30	30	120	60	120	120	120	60	60		
	2:00 PM	30	30	120	60	120	120	120	60	60		
	3:00 PM	30	30	120	60	120	120	120	60	60		
	4:00 PM	30	30	120	60	120	120	120	60	60	2 Runs	2 Runs
	5:00 PM	30	30	120	60	120	120	120	60	60		
	6:00 PM	30	30	120	60	120	120	120		60		
	7:00 PM	60	60							60		
	8:00 PM	60	60							60		
	9:00 PM	60	60							60		
	End Time	21:53	21:43	18:53	18:35	18:30	17:53	17:30	18:15	21:57	17:20	
Saturday	Start Time	8:00	8:07	--	7:42	--	--	--	8:25	7:57	--	--
	8:00 AM	60	60	--	60	--	--	--	60	60	--	--
	Saugstad PnR	60	60	--	60	--	--	--	60	60	--	--
	10:00 AM	60	60	--	60	--	--	--	60	60	--	--
	11:00 AM	60	60	--	60	--	--	--	60	60	--	--
	12:00 PM	60	60	--	60	--	--	--	60	60	--	--
	1:00 PM	60	60	--	60	--	--	--	60	60	--	--
	2:00 PM	60	60	--	60	--	--	--	60	60	--	--
	3:00 PM	60	60	--	60	--	--	--	60	60	--	--
	4:00 PM	60	60	--	60	--	--	--	60	60	--	--
	End Time	17:00	16:50	--	16:35	--	--	--	17:02	16:57	--	--
Cycle Length (Min)		60	60	23	53	37	23	37	50	60	45	50
Number of Buses in Operation												Total
Weekday		2	2	0.19	1	0.31	0.19	0.31	1	1	1	10
Saturday		1	1	--	1	--	--	--	1	1	0	5

- **Local Route B- Civic Center, Louis/Orlando, to Sierra Gardens and Galleria** -- This service operates along the same route as Local Route A, except in a counter-clockwise direction. Service is provided Monday through Friday every 30 minutes from 6:10 am to 6:40 pm and hourly thereafter until 9:43 pm. Saturday service operates hourly from 8:07 am to 4:50 pm. Transfer opportunities are the same as Route A.
- **Local Route C- Rocky Ridge, Cirby, Sunrise to Sierra Gardens** -- Route C operates Monday through Friday every other hour from 6:30 am to 6:53 pm in a clockwise loop along South Cirby and then westbound on Cirby, north along Sunrise, south on Santa Clara, east on Douglas, then south on Rocky Ridge back to South Cirby. Destinations along this route include the Pepperwood Apartments, Oakmont High School, Safeway and Bel Air grocery stores, the Roseville Gateway site, several big box retail stores, Kaiser Permanente and Roseville Medical Center offices, Maidu School and Regional Park, and Country Villa Mobile Home Park. Passengers can transfer to Roseville Transit routes: A, B, E, F, G, L and Commuter. This route interlines² with Routes G, F, and E.
- **Local Route D- Civic Center, Junction, Woodcreek Oaks, Blue Oaks to Foothills** -- This route operates service Monday through Friday every hour from 5:42am to 6:35pm, and on Saturdays from 7:42 am to 4:35pm. From the Civic Center Transfer Point, it serves a large area of northwest Roseville, focusing on service along Baseline Road/Main Street, Junction Boulevard, Woodcreek Oaks Boulevard, and Pleasant Grove Boulevard. Service is provided as far west as Baseline Road/Junction Boulevard and as far north as Diamond Creek Boulevard/Parkside Way. Other than the section north of Pleasant Grove Boulevard, service is provided only in one direction along each roadway. A transfer point at the Civic Center provides connections to local Routes A, B, L and the Commuter Route. Stops at Foothills Boulevard and Pleasant Grove Boulevard offer connections to Route M and Route R. Destinations served along this route include Kaseberg School, the Brickyard shopping area (Bel Air and Rite Aid), Coyote Ridge School, Woodcreek High School, Mahany Park, Raley's, Quail Glen School, Silverado School, Foothill Junction shopping area (Save Mart and CVS), and the County Fairgrounds. After Route D concludes on weekdays, Route M provides deviated service on request to areas along Woodcreek Oaks, Junction and Country Club.
- **Local Route E- Sierra Gardens to Sierra College Campus, Eureka and Douglas** -- Route E operates in a clockwise loop Monday through Friday every other hour from 7:53 am to 6:30 pm. This route does not operate on weekends. The Sierra Gardens Transfer Point provides a connection to local routes A, B, C, F, G, L, and the Commuter service. This route follows I-80 to Rocklin Road eastbound, then south on Sierra College Boulevard to Renaissance Creek Shopping Center. The route then heads west on Eureka and Douglas, and then circles around the Sierra Gardens transfer point. Major destinations along this route include Sierra College and Kaiser Roseville Medical Center, plus Deer Valley

² "Interlining" is the practice of scheduling an individual vehicle to operate different routes in succession.

Apartments and several grocery and retail shopping centers. This route interlines with Routes C, G, and F.

- **Local Route F- Sierra Gardens, Sunrise, Cirby and Rocky Ridge** -- Route F provides service Monday through Friday every other hour from 7:30 am to 5:53 pm. This route does not operate on weekends. Route F operates as the complement to Route C with service in the counter-clockwise direction starting at South Cirby, north on Rocky Ridge, west on Douglas, a loop north onto North Sunrise then south on Santa Clara, looping west to Sierra College Gateway Campus and south on Sunrise, east on Cirby and South Cirby as far as County Villa Mobile Home Park, then returning north on Rocky Ridge to Douglas Boulevard and west to the Sierra Garden Transfer Point. At Sierra Gardens, connections are available to local routes A, B, C, E, G, L and the Commuter Service. Like Route C, this route serves Kaiser Permanente Medical Center, Sierra College Gateway Campus, Oakmont High School, Maidu School and Regional Park and Rocky Ridge Town Center.
- **Local Route G- Sierra Gardens, Douglas, Eureka, and Sierra College Campus** -- Route G operates as the complement to Route E, travelling in the counter-clockwise direction serving Sierra College, the Sierra Gardens transfer point, Kaiser Roseville Medical Center, Deer Valley Apartments and Renaissance Creek Shopping Center. This route operates every other hour from 6:35 am to 5:30pm, Monday through Friday. This route does not operate on weekends. Connections to Routes A, B, C, E, F, L and Commuter are available at the Sierra Gardens Transfer Point.
- **Local Route L – Civic Center, Harding, Lead Hill, Douglas, Sierra College Boulevard** -- Route L operates Monday through Friday on an hourly basis from 6:25am to 6:15pm. Saturday service operates hourly from 8:25am to 5:02pm. This route goes from the Civic Center Transfer Point to the Lead Hill area, the Kaiser Medical Center, the Renaissance Creek Shopping Center and Sierra Gardens Transfer Point. The Civic Center Transfer point offers connections to local routes A, B, D and Commuter Service. The Sierra Gardens Transfer Point offers connections to local routes A, B, C, E, F, G and Commuter Service.
- **Local Route M- Galleria to West Park** -- Route M operates Monday through Friday bi-directionally from 5:57 am to 9:57 pm and on Saturdays from 7:57 am to 4:57 pm. This route consists of a long east-west route operating between the Vintage Square senior housing complex at the corner of Market Street and Pleasant Grove Boulevard, eastward on Pleasant Grove across State Highway 65 to Fairway Drive, connecting to WinCo Foods and a Costco outlet, then south on Fairway Drive and Galleria Boulevard, ending at the Galleria at Roseville and the Galleria Transfer Point. Other destinations along Route M include Target and Kohl's, Walmart and Sam's Club, Safeway, a State DMV office, Silverado Middle School, Woodcreek High School, Roseville Aquatics Complex, Sun City Roseville, Eskaton Roseville Manor, CVS and Vintage Square. Passengers can make connections at the Galleria to local routes A, B and S, as well as

Commuter bus and Placer County Transit. Certain stops in the Woodcreek Oaks area are only served on weekday evenings by request only.

- **Local Route R- Louis/Orlando, Foothills Blvd** -- Route R operates Monday through Friday during the peak hours of 7:30 am to 8:57 am and from 3:53 pm to 5:20 pm, in both directions of travel. There is no weekend service on this route. This route operates mainly along Foothills Boulevard beginning at Pasco Scientific / Pride Industries on the north, then turning east on Cirby and south on Riverside, ending at the Louis/Orlando Transfer Point. At Louis/Orlando, riders can connect to Routes A, B, and Commuter Service, as well as Sacramento Regional Transit and Placer County Transit. Destinations along this route include Pride Industries, Hewlett-Packard, Telefunken, Save Mart, California Family Fitness, Bel Air, Rite Aid and Crethaven Park.
- **Local Route S- Galleria to Santucci Justice Center** -- Route S operates 6.5 round trips Monday through Friday between the Galleria Transfer Point and the Placer County Santucci Justice Center which includes the Placer County Superior Court. Service is provided on approximately hourly frequencies, except that one late morning and one mid-afternoon run is not operated.

ROSEVILLE COMMUTER SERVICE

Commuter Express to Sacramento

Roseville Transit operates ten morning and evening commuter routes between Roseville and downtown Sacramento Monday through Friday during the peak commute hours of 5 - 9 am and 3:30 - 6:30 pm. Various Park-and-Ride (PnR) lots and other key locations are served in Roseville. As shown in Table 2, various runs serve differing stops within Roseville, though all but two runs serve the Taylor Road/I-80 PnR in both directions.

Within downtown Sacramento, all buses enter via 12th Avenue and exit via 16th Avenue, with service as far south as P Street and as far west and 15th Street. All AM buses operate consistent counterclockwise loop serving 15 stops in the downtown area, while all PM buses operate a consistent loop generally 1 to 2 blocks off of the AM loop serving 13 stops.

As also shown in Table 7, three AM runs and three PM runs provide “reverse commute” service for commuters to Roseville from downtown Sacramento. The Civic Center Transfer Center is served in the reverse direction in both the AM and PM periods, while Galleria and Louis/Orlando are served by AM reverse commute runs only and Sierra Gardens and Taylor/I-80 are served by PM reverse commute runs only.

TABLE 7: Summary of Existing Commuter Service*In Order of Downtown Service Times**Other Downtown Stop Times Not Shown*

Stop	AM 1 ⁽¹⁾	AM 2	AM 3	AM 4	AM 7	AM 6 ⁽¹⁾	AM 8	AM 10	AM 9
Foothills/Junction	--	5:35	6:00	--	--	--	--	--	--
Mahany PnR	--	5:41	6:07	--	--	--	--	--	7:10
Roseville Amtrak	--	--	6:17	--	--	--	--	--	--
Galleria	--	5:51	--	--	--	--	--	--	--
Louis/Orlando	--	--	--	6:00	--	--	--	--	--
Cirby/Sunrise	--	--	--	6:04	--	--	--	--	--
Maidu PnR	5:10	--	--	6:09	--	--	--	--	--
Taylor/I-80 PnR	5:17	6:00	--	6:18	--	6:45	6:55	7:18	7:23
Saugstad PnR	--	--	6:21	--	6:50	--	--	7:27	7:31
Downtown P&7th	6:01	6:37	6:58	6:54	7:24	7:30	7:40	8:14	8:18
<i>Galleria</i>	<i>Reverse Commute</i>		7:44	--	--	--	--	--	--
<i>Louis/Orlando</i>			--	7:24	--	--	--	--	--
<i>Civic Center</i>			--	--	--	--	--	--	9:00

Stop	PM 1	PM 2	PM 3	PM 4	PM 6	PM 7	PM 8	PM 9	PM 10
<i>Sierra Gardens</i>	<i>Reverse Commute</i>		--	--	--	3:40	--	--	--
<i>Taylor/I-80 PnR</i>			--	--	--	--	--	4:15	4:37
<i>Civic Center</i>			--	--	--	--	--	--	4:47
Downtown P&7th	3:31	3:36	3:46	3:57	4:11	4:26	4:41	4:56	5:26
Louis/Orlando	4:05	--	--	--	--	--	--	--	--
Taylor/I-80 PnR	--	4:27	4:37	4:48	4:55	5:10	5:25	6:00	--
Cirby/Sunrise	4:11	--	--	--	--	--	--	--	--
Maidu PnR	4:15	--	--	--	--	5:17	--	--	--
Saugstad PnR	4:29	--	--	--	5:07	5:32	--	6:12	6:22
Roseville Amtrak	--	--	--	--	5:16	--	--	--	--
Foothills/Junction	--	--	--	--	5:25	--	--	6:30	--
Mahany PnR	--	--	--	--	5:33	--	--	6:38	--
Taylor/I-80 PnR	--	--	--	--	--	--	--	--	6:37

Note 1: Monday to Thursday only.

Game Day Express

Game Day Express is a special service which began in October 2016 and provides Roseville residents transportation to Sacramento Kings basketball games at the Golden 1 Center in downtown Sacramento. The bus departs the Civic Center Transfer Point one hour and 15 minutes before game time. Tickets for the service can be purchased on-line, over the phone, at the Roseville Transit office, or on the bus. General public passengers are charged \$4.50 one-way or \$9.00 per round-trip. Discount passengers with a valid discount ID card can ride for \$3.25 one-way and \$6.50 round trip.

ROSEVILLE DIAL-A-RIDE AND ADA PARATRANSIT SERVICE

Roseville Transit Dial-A-Ride provides curb-to-curb public bus service and complementary ADA (Americans with Disabilities Act) paratransit service. Dial-A-Ride is a general public shared ride

transit service that operates within the city limits of Roseville. Passengers are transported in small buses that are ADA compliant and equipped with wheelchair lifts and securement areas.

Roseville ADA Paratransit service is also a shared ride curb to curb service but is only available for individuals with disabilities preventing them from using local routes. The ADA Paratransit Service operates Monday through Friday from 5:45 am to 10:00 pm and on weekends from 8:00 am to 5:00 pm, with limited to no service on holidays.

The ADA Certification Process

The City of Roseville follows the Federal Transit Administration's ADA guidelines to determine a person's eligibility based on their ability to get to and from the bus stop, board and exit the bus, and the ability to understand and navigate the local service.

Applicants have 60 calendar days in which to return a completed, signed, original application to the Alternative Transportation office by mail or in person. All information is kept confidential and will be used to determine if the applicant can ride the fixed route system or if the applicant is eligible for Paratransit services. A determination is made in 21 days. If ADA Paratransit eligibility is denied, a letter indicating the reason(s) for the denial and how to appeal the decision will be mailed. Denial of eligibility applies only to Roseville ADA Paratransit service.

Eligibility may be granted to an individual if the disability or incapacity is expected to last more than 90 days and is long-term but not permanent. Roseville will honor ADA Paratransit certifications from other transit agencies. An individual from out-of-town requesting ADA Paratransit Service must present verification of their ADA Paratransit certification to the Alternative Transportation office prior to the first reservation. Visitors using the service more than 21 days will be required to submit a Roseville Transit ADA Paratransit application.

ROSEVILLE TRANSIT FARE STRUCTURE

Roseville Transit's fares are structured based on passenger category and media type. Multi-trip passes are also available for purchase. Discounted fares are available for qualified passengers showing the following forms of valid identification: Roseville Transit Discount ID Card, middle or high school issued ID card, Medicare card, DMV Senior Citizen photo ID card, and discount ID card issued by another transit agency. The Roseville Transit Discount ID card is issued to qualified persons with disabilities, youth ages 13 to 18, and seniors ages 60 and older. Children age 4 and under ride free (up to 2 children) with a fare paying adult. Roseville Transit's fare structure is summarized in Table 8.

Stop and Shop Validation

If transit passengers spend \$10 or more at the Galleria at Roseville, they can receive a free trip home on Roseville Transit local fixed routes (excludes purchases at a few department stores).

Connect Card Program

Connect Card is a relatively new electronic transit fare payment system for Sacramento Regional public transit operators. Connect Card is a “smart card” - a plastic credit card with an electronic chip that allows the rider to purchase a set number of rides in advance. That value is stored in the card and the appropriate amount is deducted from the card each time it is used. The primary benefit to the Connect Card program is that a passenger only needs one card to ride many of the regional services, consisting of Sacramento Regional Transit, El Dorado Transit, Etran, Folsom Stage Line, Placer County Transit, Roseville Transit, SCT/Link, YoloBus, and Yuba-Sutter Transit. To obtain a Connect Card, riders create an account online and load transit fares onto the Connect Card through their checking account. As Connect Card is a relatively new program, not all passengers are currently using it. Generally more commuters use Connect Card than other types of passengers

Table 8: Roseville Transit Fare Structure

Fare Category	Local Fixed Route	Dial-a-Ride	Commuter
Single Cash Fare			
General Public	\$1.50	\$3.50	
Discount (with ID)	\$0.75	\$2.50	
Same-Day Trips		\$7.50	
Non-Roseville Resident			\$4.50
Roseville Resident & Reverse			\$3.25
Children ages 4 and under	Free up to two per paying adult		
Local Daily Pass (Electronic)			
General Public	\$4.00		
Discount (with ID)	\$2.00		
Local 10-Ride Pass			
General Public	\$15.00	\$37.50	
Discount (with ID)	\$7.50	\$25.00	
Same-Day Trips			
Non-Roseville Resident			
Roseville Resident & Reverse			
Local 30-Day Pass			
General Public	\$58.00		
Residents			\$110.00
Non-Residents			\$155.00

Source: Roseville Transit

ROSEVILLE TRANSIT FACILITIES AND EQUIPMENT

The City of Roseville Alternative Transportation Administration office is located at 316 Vernon Street, near the Civic Center Transfer Point. Operations are performed by the contractor and are based at the City of Roseville corporation yard at 2075 Hilltop Circle. Vehicle maintenance is conducted by City of Roseville staff at the same location.



Bus Shelter Inventory

The City of Roseville has an extensive list of benches and shelters located at around 300 bus stop locations. Of that total, 43 shelters date back to 1996 or 1998 and may need to be replaced or upgraded, 6 are in the process of being updated, and 3 locations had only benches and no shelters.

Park-and-Ride Facilities

Several Park and Ride lots located within the City of Roseville and served primarily by commuter routes and some local fixed routes. Park and Ride lot characteristics are as follows:

- Church Street and North Grant Street – Roseville Amtrak Station
 - 78 parking spaces available
 - Bike lockers
 - Served by Roseville Transit
 - Served by Amtrak Capitol Corridor, Greyhound lines
- Foothills Boulevard and Junction Boulevard California Family Fitness
 - 25 parking spaces available
 - Served by Roseville Transit
- Louis Orlando Transit Center - Louis Lane and Orlando Avenue
 - 44 parking spaces
 - 2 electric vehicle charging stations
 - Bike lockers
 - Served by Roseville Transit, Sacramento Regional Transit, and Placer County Transit
- 1000 Pleasant Grove Boulevard - Highland Crossing Shopping Center
 - 25 parking spaces available
 - Served by Roseville Transit

- Pleasant Grove Boulevard and Michener Drive – Mahany Park
 - 42 parking spaces available
 - Bike lockers
 - Served by Roseville Transit
- Maidu Drive and Rocky Ridge Drive – Maidu Regional Park
 - 50 parking spaces available
 - Bike lockers
 - Served by Roseville Transit
- Galleria Circle and West Drive – Galleria Transfer Point
 - 50 parking spaces available
 - Served by Roseville Transit and Placer County Transit
- Douglas Boulevard and Buljan Drive – Saugstad Park
 - 91 parking spaces available
 - Bike lockers
 - Served by Roseville Transit
- Stanford Ranch Road and Five Star Boulevard
 - 35 parking spaces available
- Taylor Road and Eureka Road - Taylor & I-80 Park & Ride Lot (adjacent to Golfland Sunsplash)
 - 150 parking spaces available
 - Bike lockers
 - Served by Roseville Transit and Placer County Transit

Roseville's Fleet Inventory

The City of Roseville has an extensive fleet of revenue and non-revenue vehicles as shown in Appendix C. There are sixteen (16) vehicles for local fixed route use. These vehicles range in passenger capacity from 28 to 32 seated passengers. Eleven (11) 40 foot buses for the commuter routes. These vehicles can hold from 39 – 45 seated passengers. The Dial-A-Ride fleet includes 11 seventeen-passenger buses. The City of Roseville also maintains ten non-revenue vehicles used for staff/supervisor transport. Four of the fixed route buses and four commuter route buses have met minimum service life requirements and are due for replacement. Three of the oldest busses have more than 500,000 miles. All of Roseville's bus fleet is operating on either diesel or regular gasoline.

Route Observations

Consultant staff rode a selection of Roseville Transit local fixed routes and one commuter route in November 2017 to gain a better understanding of areas served and potential issues and bus stop deficiencies. Observations consisted of the following:

- *On-time Performance*- Most of the local fixed routes observed ran on-time. In fact, during the middle of the day, some routes arrived at checkpoints early and waited. Route E and the Commuter Route were slightly behind schedule. Drivers indicated that during the holidays and peak commute times, traffic can delay the bus routes.
- *Operational Issues* - Overall, Roseville Transit buses are clean, appear to be well maintained and stocked with current transit information. Bus drivers are helpful and follow protocol by calling out major stops for passengers. Occasionally, if the driver needs to tie down a wheelchair or walker, there is a few minutes of delay. Bicycle boardings are relatively quick and do not slow down the boarding process. East Roseville Ave and Sunrise Ave can be congested and cause short delays.
- *Bus Stop Deficiencies* – The Galleria Transfer Center can accommodate up to four Roseville Transit buses on the upper level and four PCT buses on the lower level. Sufficient shelters and benches are available for waiting passengers and ample convenient parking is located nearby. There didn't appear to be room on the upper level for a fifth bus.
- *Other Issues and Observations* – The peak travel times are in the morning and late afternoon with lower levels of during the day for medical appointments or other essential needs. Typical transit generators are the Galleria, Foothills Shopping Center, Walmart, library and Vintage Square. The City of Roseville is a mixture of commercial centers and largely low-density housing developments (mostly single family homes). As such it is difficult to serve all portions of each development without creating long passenger travel times and high operating costs. Therefore, buses are usually located on the major arterials adjacent to the development, which is not always convenient for residents.

OTHER REGIONAL TRANSIT PROVIDERS

Amtrak Capital Corridor

Roseville Transit passengers can access Amtrak Capital Corridor trains (traveling as far west as San Jose and as far east as Auburn) at the Amtrak station (close to a Route D stop). There is currently only a single Capital Corridor train serving Roseville 7:03 AM on weekdays and 8:43 AM on weekends in the westbound direction, and 5:48 PM / 8:38 PM on weekends. Three to

seven daily Amtrak Thruway buses also provide service to and from the Sacramento rail station for passengers traveling by train west of Sacramento.

Placer County Transit

Placer County Transit is the county operated regional transit provider for all of western Placer County. Roseville Transit passengers can transfer directly to PCT Lincoln Sierra College and Auburn Light Rail routes at the Galleria Transfer Point and to the PCT Auburn Light Rail Route at Louis and Orlando or at Sierra College.

Placer County also provides two general public Dial-A-Ride service that provide connection opportunities to Roseville Transit:

- The Rocklin/Loomis DAR (Monday-Friday 6:00 AM to 7:55 PM, Saturday 9:00 AM to 3:55 PM) serves locations in northeast Roseville, including the Galleria.
- The Granite Bay DAR (Monday-Friday 9:00 AM to 11:00 AM, and 2:00 PM to 4:00 PM) provides the opportunity to connect with Roseville Transit on stops along Sierra College Boulevard.

Sacramento Regional Transit

The Sacramento RT transit system connects with Roseville Transit's local routes at the Louis/Orlando transfer hub (along Auburn Avenue) in southwest Roseville. At present, three RT routes serve this hub:

- Route 21 (Sunrise-Citrus Heights) provides service to Sunrise Mall and Mather Field/Mills Station every half-hour between 6:24 AM and 9:58 PM on weekdays, every hour between 10:52 AM and 6:52 PM on Saturdays, and every hour between 10:55 AM and 6:55 PM on Sundays.
- Route 93 (Hillsdale) provides service to Watt/I-80 (LRT connection) via McLellan Business Park generally every half hour between 5:41 AM and 9:34 PM on weekdays and every hour from 8:00 AM to 6:35 PM on Saturdays and Sundays.
- Route 103 (Auburn Boulevard) provides commute period service to Watt/I-80 via Auburn Road, with four westbound departures between 5:51 AM and 6:51 AM, and four eastbound arrivals between 4:33 PM and 6:03 PM.

It should be noted that Sacramento RT is currently conducting a route realignment study that could change routes and services to Louis/Orlando. Also, Sac RT's new SmaRT Ride micro transit system services the Kaiser Riverside medical campus per an agreement between the City of Roseville and Sacramento Regional Transit.

OTHER CITY OF ROSEVILLE ALTERNATIVE TRANSPORTATION SERVICES

South Placer Transportation Call Center

The City of Roseville contracts with the Western Placer Consolidated Transportation Services Agency (WPCTSA) to operate the South Placer Transportation Call Center. The Call Center provides transit riders with one phone number for information and reservations for all demand response services in the South Placer area including Roseville Transit, Placer County Transit and Health Express. The program is intended to reduce call reservation staff time and costs for the various transit agencies, and to increase overall efficiency of the public transit process. When a call for a ride comes in, Call Center staff determine which operator (including Health Express) should receive the trip booking.

Transit Ambassador Program

In partnership with WPCTSA, the City of Roseville operates a Transit Ambassador Program for Western Placer County services. The program includes conducting a variety of outreach efforts to existing and potential passengers, such as face-to-face assistance to passengers, transit training for potential transit users and attending outreach events. The City of Roseville manages the program, recruits and trains volunteers and provides insurance for the volunteers. WPCTSA pays up front for insurance for volunteers and bills Roseville for the cost. Volunteers undergo anywhere from 6 to 30 hours of training. The cost to the City of Roseville for administering the Transit Ambassador program was \$37,000 in FY 2016/17.

In FY 2016/17, a total of seven Transit Ambassadors contributed 469 volunteer hours assisting passengers on public transportation and providing support to staff at outreach events throughout the western Placer region.

Mobility Training Program

The City of Roseville also operates a mobility training program to individuals and groups using Paratransit mobility trainers. This is an extensive program designed to teach persons with disabilities, seniors, or others requiring assistance how to live more independently by riding the bus. It covers transit services throughout the south Placer area.

This chapter first provides a review of transit ridership. This is followed by a review of existing transit funding sources and costs. Operational characteristics of the services are then reviewed. Finally, the existing marketing program is discussed.



RIDERSHIP PATTERNS AND ANALYSIS

Historical Ridership

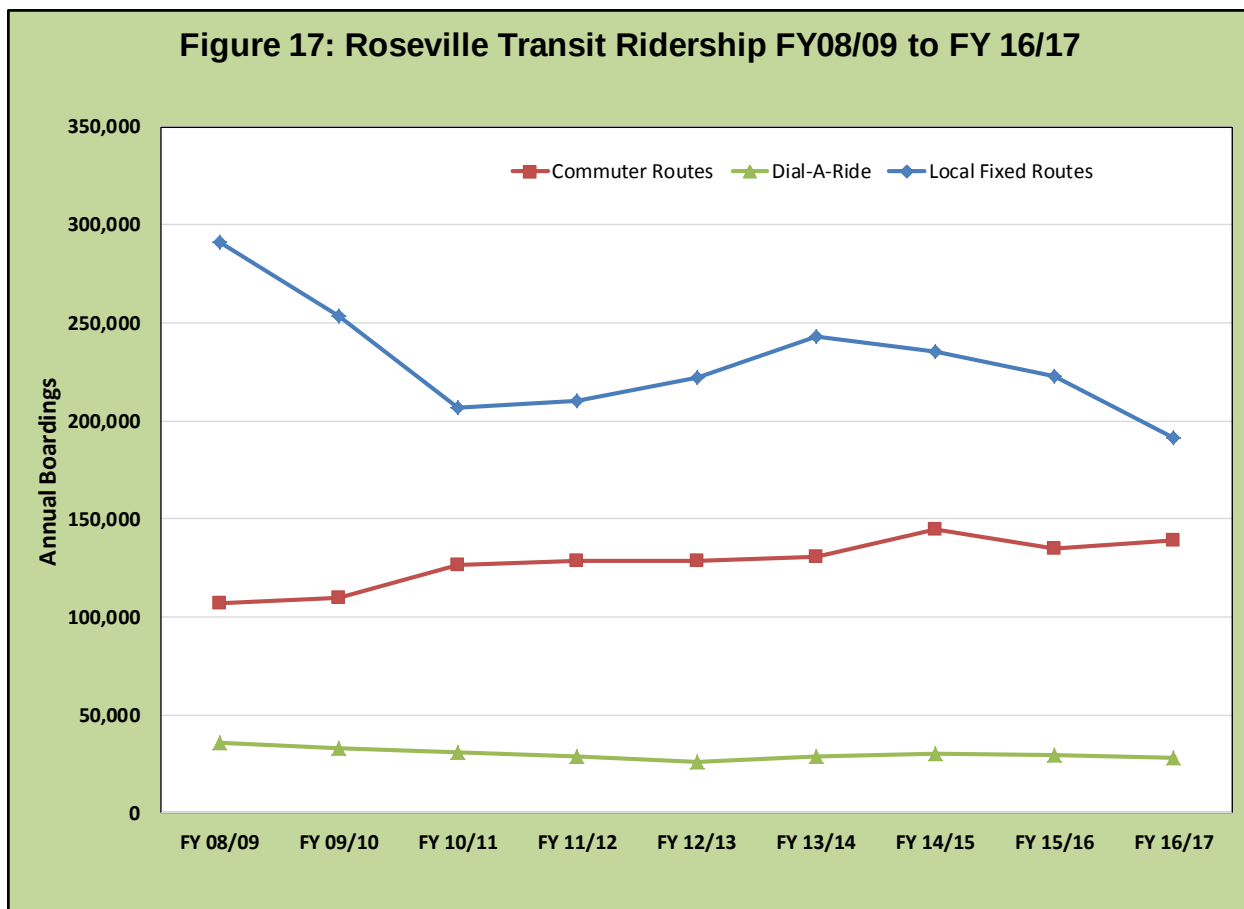
As with many public transit operators, ridership on Roseville Transit peaked in FY 2008/09 and has generally seen a downward trend since then. FY 2016/17 systemwide ridership on Roseville Transit of 357,313 is down 17 percent from FY 2008/09 levels (433,854), as shown in Table 9 and Figure 17. By service, the local fixed routes have seen the largest decline in ridership (34 percent), from 291,267 to 192,701 passengers per year. Ridership on the DAR has decreased 20 percent from 35,499 to 28,404 between FY 2008/09 to FY 2016/17. In contrast, ridership on the Commuter Service increased 30 percent from 107,088 to 136,208 in FY 2016-17; however the peak in ridership occurred in FY 2014/15 (144,445).

Table 9: Roseville Transit Historical Ridership

Fiscal Year	Local Fixed Routes	Commuter Routes (1)	Dial-A-Ride	Total Systemwide
FY 08/09	291,267	107,088	35,499	433,854
FY 09/10	253,747	109,584	32,762	396,093
FY 10/11	207,085	126,214	30,811	364,110
FY 11/12	210,340	128,824	28,834	367,998
FY 12/13	222,283	128,570	25,981	376,834
FY 13/14	243,298	130,448	28,654	402,400
FY 14/15	235,475	144,445	30,200	410,120
FY 15/16	222,689	134,880	29,505	387,074
FY 16/17	191,800	139,084	28,408	359,292
% Change from FY 08/09 to FY 16/17	-34%	30%	-20%	-17%

Note 1: Includes Game Day Express Ridership

Note: Data for FY 2011/12 - FY 2014/15 from Triennial Performance Audit. Data from FY 2015-16 to FY 2016-17 from Roseville Transit Quarterly Performance Reports.



Nationwide Trends Contributing to Bus Ridership Decline

The decline in fixed-route transit ridership in Roseville mirrors a general decline in transit ridership nationwide. Research conducted by the American Public Transportation Association (APTA) in 2017 provides several different potential explanations for the recent nationwide downward trend in public transit ridership³. The price of gasoline is relatively low and down from 2008 levels. There has also been a significant increase in the number of auto loans since 2009. Another factor could be that telecommuting is more common. Not only does this decrease the number of days employees actually commute to work, it makes the cost of a monthly transit pass less attractive. If employees do not have a monthly pass they are likely not as “loyal” to the transit system, and may be more likely to find other modes of transportation to work. Employees of Transportation Network Companies (TNCs) (who formerly were public transit riders) may see driving for the TNC as a way to pay for the cost of auto ownership. Also, TNCs now offer “ridesplitting” services which may be more attractive to some passengers. Lastly, gentrification may have displaced some transit dependent groups to less transit oriented areas. Interestingly, while total bus ridership is down by 13 percent from 2000 – 2015, rail ridership is up by 46 percent in the US.

³ APTA Policy and Development Research, November 2017, *Understanding Recent Ridership Changes*

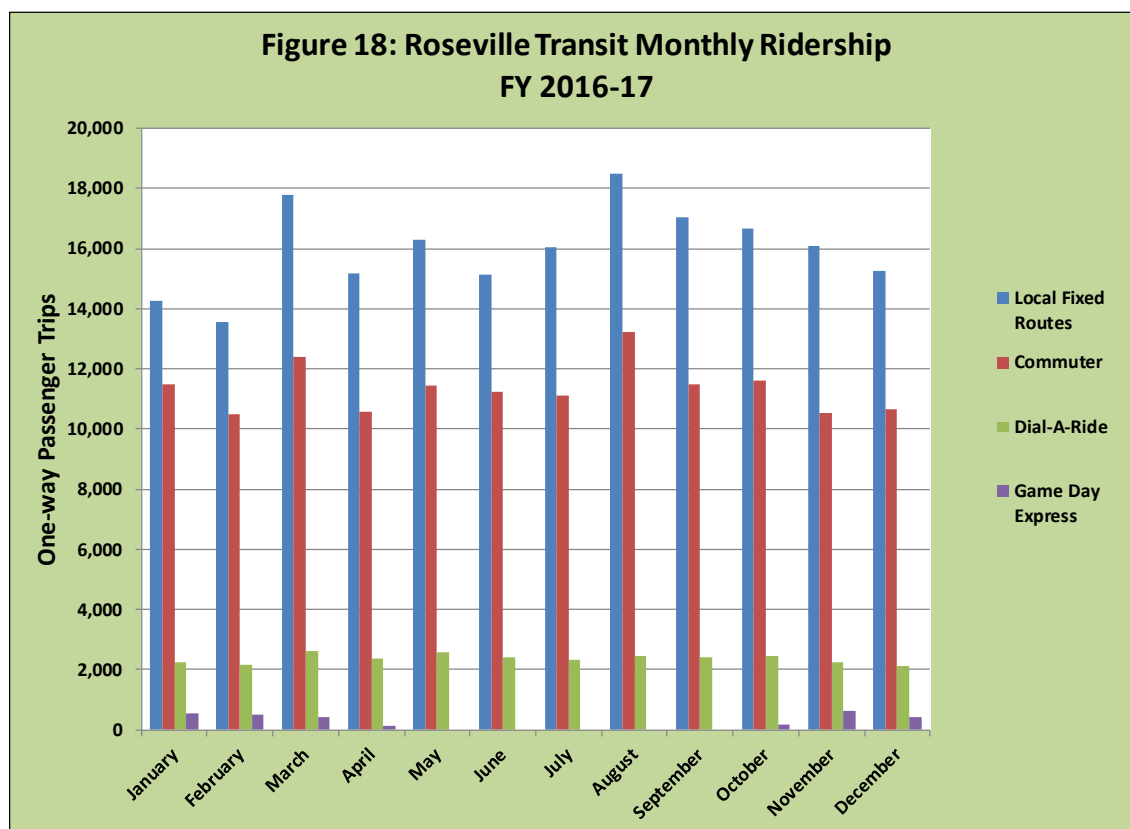
Monthly Ridership Trends

Table 10 and Figure 18 present FY 2016/17 Roseville Transit ridership by month. August is the busiest month for the local fixed routes (18,494 trips), when ridership is 16 percent higher than the average month. Commuter route ridership also peaks in August (13,225 trips, or 16 percent higher than average), whereas March was the busiest month for the Dial-A-Ride (2,623). Game Day Express service only operated for seven months of the year, and did not operate from May through September. The highest ridership for Game Day Express was 618 rides in November, coinciding with basketball season.

Table 10: Western Placer Commuter Service Summary

	Annual Data			Performance Measure			
	Ridership	Vehicle Hours	Vehicle Miles	Operating Cost	Pax per Hour	Pax per Mile	Operating Cost per Hour
Roseville Transit	137,102	6,327	242,187	\$837,296	21.7	0.57	\$132.34
PCT Commuter	70,677	3,163	101,279	\$865,744	22.3	0.70	\$273.74
Total	207,779	9,490	343,466	\$1,703,040	21.9	0.60	\$179.46

Source: FY 2016-17 data from individual operators.



Ridership by Passenger Type

Commuter Routes

Table 11 presents ridership on the Commuter Routes by type of fare paid for FY 2016/17. As noted above, Roseville has a different fare structure for City of Roseville residents and non-residents. The majority of commuter passengers (77 percent) are Roseville residents.

Table 11: Roseville Transit Commuter Ridership by Fare Type			
2016/17			
Fare Type	Roseville Resident	Non-Resident	Total
Cash	1,097	640	1,737
10 Ride	28,542	6,191	34,733
30 Day	66,787	13,592	80,379
Monthly Roseville/Capital Corridor	8,267	630	8,897
PCE Add Fare	--	--	8,421
Amtrak Monthly	--	--	876
Short Fare	--	--	416
Free	--	--	0
Total			135,459
Percent of Total			
Cash	1%	0%	1%
10 Ride	21%	5%	26%
30 Day	49%	10%	59%
Monthly Roseville/Capital Corridor	6%	0%	7%
PCE Add Fare	--	--	6%
Amtrak Monthly	--	--	1%
Short Fare	--	--	0%
Free	--	--	0%
Total	77%	16%	100%
Source: Roseville Transit 12 June Com Stats 2017			

Commuter passengers tend to be frequent riders. As such, of the Roseville residents 64 percent boarded with a 30 day pass, 27 percent used a 10 day passes and 8 percent used the Monthly Roseville/Capital Corridor pass. Only 22 percent of commuter passengers were non-residents (including persons transferring from Placer Commuter Express service, who are presumed to not be residents). Proportions for type of fare media used by non-residents are similar to the residents with the majority using 30 day passes. Roughly 6.2 percent of commuter passenger boardings are made by PCT commuter pass holders who paid the additional \$.50 fare to ride a Roseville Transit commuter bus. Less than one percent of boardings were made with an Amtrak Capital Corridor pass.

Local Fixed Routes

As shown in Table 12, there are roughly the same proportion of boardings made by general public passengers as are made by discounted passengers (42 percent each). Students represent 1.3 percent of the boardings, while 10 percent of passengers boarding were transferring from PCT or Sac RT. Lastly, 3.2 percent of passengers were free (typically less than 5 years of age) and

0.9 percent were short fare. Of the 42 percent discounted passengers, 32 percent (or 13 percent of the total) are ADA, while 68 percent (or 29 percent of the total) are others entitled to the discount fare.

Table 12: Roseville Transit Ridership by Passenger Type 2016/17		
	Annual Ridership	
	#	%
Local Fixed Routes		
General Public	79,620	42.6%
Discount	78,519	42.0%
Student	2,474	1.3%
Free	5,989	3.2%
Transfers from PCT and RT	18,693	10.0%
Short Fare	1,678	0.9%
Total	186,973	
Dial-A-Ride		
General Public	4,299	17.2%
Discount	20,513	82.2%
Same Day	22	0.1%
Free	106	0.4%
Total	24,940	
Source: Roseville Transit 12 June DAR Stats 2017, 12 June FR Stats 2017		
Note: Ridership by fare totals do not represent "Adjusted Total" and therefore do not match totals in other tables.		

Dial-A-Ride

For the Dial-A-Ride service, 82 percent of passenger boardings paid a discounted fare. Less than one percent of boardings were considered "same day" trips.

ADA Paratransit Ridership

The Roseville Transit ADA complementary paratransit service carried 7,699 one-way passenger trips in FY 2016-17. Roughly 24 percent of these trips were subscription trips and 16 percent represent trips taken by a Personal Care Attendant (PCA). The Alta California Regional Center pays for roughly ¼ of the ADA Paratransit trips.

Ridership by Day of Week

Table 13 identifies weekday ridership versus weekend ridership for the local fixed route and DAR service. For the fixed routes, Saturday ridership was only 35 percent of average weekday ridership, indicating that overall only 6.6 percent of ridership was carried on Saturdays. For the DAR, Saturday ridership was 32 percent of average weekday ridership, while Sunday ridership

was 33 percent of average weekday ridership. Saturday generates 5.7 percent of annual ridership while Sunday generates 5.9 percent. The DAR is the only service which operates on Sundays.

Table 13: Roseville Transit Ridership by Day of Week

	Fixed Routes				Dial-A-Ride			
	Annual	% of Total	Average Daily	% of Average Weekday	Annual	% of Total	Average Daily	% of Average Weekday
Weekday	174,584	93.4%	685	100%	28,088	88.4%	109	100%
Saturday	12,389	6.6%	238	35%	1,800	5.7%	35	32%
Sunday	--	--	--	--	1,888	5.9%	36	33%
Total	186,973	100.0%			31,776	100.0%		

Note: Unadjusted totals

Source: 12 June FR Stats 2017, 12 June DAR Stats 2017

CURRENT FINANCIAL CONDITIONS

Operating Revenues

Table 14 provides annual revenues available to the Roseville Transit program as per the FY 2016-17 City of Roseville Financial Statements. As shown, Transportation Development Act Funds (TDA) represent the largest revenue source for transit (69.5 percent), followed by passenger fares (18.8 percent). During this fiscal year, Roseville Transit did not receive any Federal Transit Administration grants (although this has occurred in prior years).

Operating Expenses

Table 15 presents Roseville Transit operating expenses and cost model for FY 2016-17. The operating cost of the Roseville Transit program in FY 2016-17 was \$5.5 million. When developing and evaluating service alternatives, it is useful to develop a “cost model,” which can easily show the financial impact of any proposed changes. Table 15 also presents the FY 2016-17 cost allocation model for Roseville Transit operations. It should be noted that the cost model

Table 14: Roseville Transit Operating Revenues		
	FY 2016-17 Actual	%
Passenger Fares	\$1,016,447	18.8%
Auxiliary Revenue ⁽¹⁾	\$148,708	2.7%
Non-Transportation Revenue ⁽²⁾	\$139,368	2.6%
SB 325 Allocations (Transportation Development Act)	\$3,758,224	69.5%
Transit Assistance Funds	\$348,287	6.4%
FTA Funds	\$0	0.0%
Other State Grants	\$0	0.0%
Total Operating Revenues	\$5,411,034	100%
Source: Data originating from City of Roseville Financial Statements with review by Finance Dept. Financial Analyst and Alternative Transportation Div. Financial Analyst.		
Note 1: Advertising Revenue, Program Revenue, Accident Recovery, Reimbursement		
Note 2: Interest Earnings, Transfers In, Misc Revenue, Development Contribution		

shows the total operating cost rather than the total subsidy, which is total operating cost minus passenger fare revenues. Each cost item is allocated to that quantity on which it is most dependent. Maintenance costs, for example are allocated to vehicle service miles. This provides a more accurate estimate of costs than a simple total-cost-per-vehicle-hour factor, which does not vary with the differing mileage associated with an hour of service on DAR versus the fixed-route. It should also be noted that this model excludes depreciation.

MV Transportation, the operating contractor, is paid a fixed monthly fee and per revenue vehicle hour (the time which vehicles are in service) for services provided. Fuel and vehicle maintenance (which represents per mile costs) are provided by the City of Roseville. As such, an increase in deadhead travel would increase the City's per mile cost but not per hour costs. The appropriate Roseville Transit cost model service factors therefore reflect vehicle revenue service hours but total vehicle miles (includes both revenue and deadhead miles). For FY 2016-17, the Roseville Transit equation is:

$$\begin{aligned}
 \text{Operating Cost} &= \$1.15 \times \text{total vehicle miles} \\
 &\quad + \$36.41 \text{ per vehicle service hour} \\
 &\quad + \$2,649,281 \text{ annually for fixed costs}
 \end{aligned}$$

This equation can be used to estimate the cost of any changes in service, such as the operation of additional routes or changes in service span as well as evaluate Roseville Transit performance by route.

Table 15: Roseville Transit Expenses and Cost Model

FY 2016 - 2017 Actuals

Operating Expense Category	Total	Fixed	Cost Model Variable	
			Vehicle Revenue	Vehicle Service
			Hour	Mile
City Administrative Staff Salaries and Benefits	\$387,695	\$387,695	\$0	\$0
Transit Operations Services and Supplies	\$636,502	\$636,502	\$0	\$0
Fuel	\$423,531	\$0	\$0	\$423,531
Vehicle Maintenance	\$608,932	\$0	\$0	\$608,932
MV Operating Contract	\$3,450,450	\$1,622,295	\$1,828,156	\$0
Casualty and Liability Costs	\$27,800	\$0	\$27,800	\$0
Utilities	\$2,790	\$2,790	\$0	\$0
Total Operating Costs	\$5,537,700	\$2,649,281	\$1,855,956	\$1,032,463
FY 2016/17 Service Quantities			50,969	899,317
Cost Model FY 2016/17 = \$2,649,281 + \$36.41 + \$1.15				
			per Veh-Hour	Per Veh-Mi

Source: City of Roseville Financial Statements. Excludes depreciation.

FY 2016/17 OPERATING STATISTICS AND PERFORMANCE**Systemwide**

Table 16 presents operating data and performance by type of service for Roseville Transit. A review of this data indicates the following:

- Systemwide productivity (as measures in one-way passenger-trips per vehicle revenue hour) for Roseville Transit is 7.1 trips per vehicle revenue hour. This is slightly lower than the City adopted standard of 8.0 trips per hour.
- As a whole Roseville Transit carries 0.4 passenger-trips per vehicle service mile and costs \$15.34 per trips to operate. Systemwide operating cost per vehicle revenue hour is \$108.65.
- The Commuter Routes are by far the most productive type of service.
- Subsidy per trip reflects the desired output of a transit service (ridership) and the most important input (public subsidy). A lower figure is preferred, as it reflects that less public funding is required for each passenger served. Operating subsidy per trip by type of service is displayed in Figure 19. As shown, DAR is the most expensive type of service with a subsidy per trip of \$40.01, while the Commuter Service requires only \$1.25 in subsidy per passenger-trip. Operating subsidy per trip systemwide is \$12.07.

Table 16: Roseville Transit Performance - Systemwide

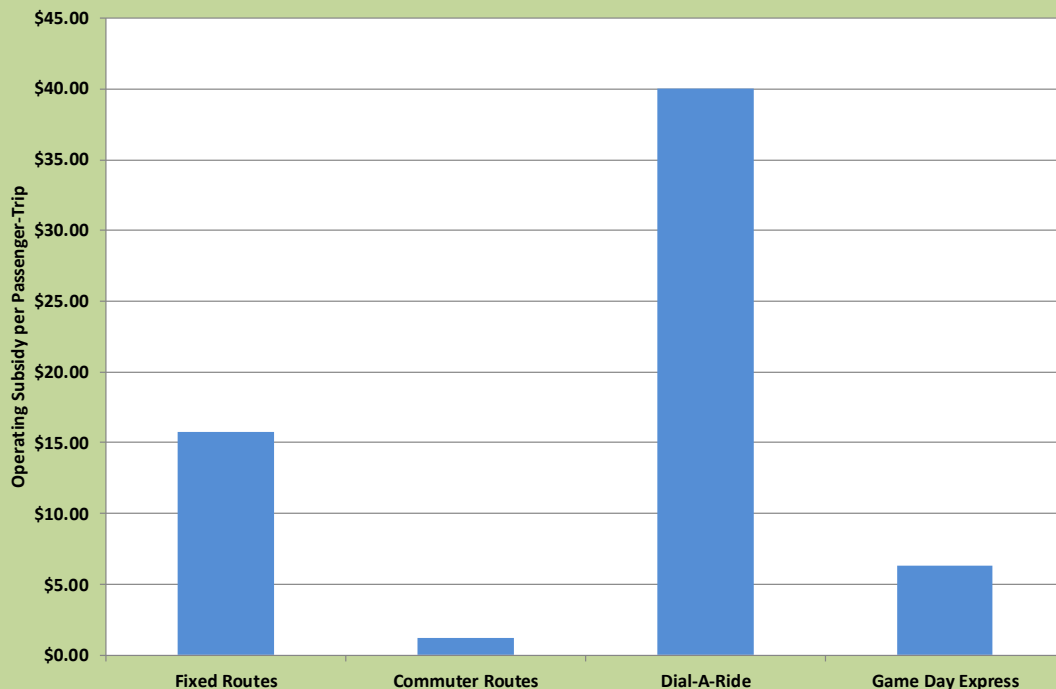
FY 2016-17

Input Data -- Annual						
	Passenger Trips	Vehicle Revenue Hours	Vehicle Service Miles	Operating Cost	Fare Revenue	
Fixed Routes	192,701	32,753	470,644	\$3,435,382	\$402,432	
Commuter Routes	137,102	6,327	242,187	\$837,296	\$666,287	
Dial-A-Ride	28,408	11,642	184,006	\$1,240,301	\$103,788	
Game Day Express	2,671	247	2,480	\$24,680	\$7,747	
Total Systemwide	360,882	50,969	899,317	\$5,537,660	\$1,180,254	

Performance Analysis						
	Pax per Vehicle Hour	Pax per Vehicle Mile	Operating Cost per Trip	Operating Cost per Veh-Hour	Subsidy per Trip	Farebox Ratio
Fixed Routes	5.9	0.4	\$17.83	\$104.89	\$15.74	11.7%
Commuter Routes	21.7	0.6	\$6.11	\$132.34	\$1.25	79.6%
Dial-A-Ride	2.4	0.2	\$43.66	\$106.54	\$40.01	8.4%
Game Day Express	10.8	1.1	\$9.24	\$99.92	\$6.34	31.4%
Total Systemwide	7.1	0.4	\$15.34	\$108.65	\$12.07	21.3%
Systemwide Standard	8.0	--	--	--	--	15.0%

Source: Roseville Transit Quarter 4 2016-17

**Figure 19: Roseville Transit Operating Subsidy per Passenger-Trip
FY 2016-17**



- A measure of the portion of operating cost which is covered by passenger fares is the farebox recovery ratio. The farebox recovery ratio is particularly important for determining the level of eligibility for TDA funds. Roseville Transit exceeds the TDA farebox ratio requirement and City standard of 15 percent with a farebox ratio of 21.3 percent.

Local Fixed Routes

Table 17 presents operating data and performance by route for the local fixed routes. Vehicle service miles and revenue hours were estimated for each route based on a snapshot of miles and hours recorded for June 2017. The Roseville Transit cost model identified above was applied to service level quantities for each route to determine operating cost per route. In FY 2016-17, the local fixed routes carried 192,701 one-way passenger trips, operated 32,753 vehicle revenue hours and 470,644 vehicle service miles. Routes A and B, Roseville Transit's core routes, clearly carry the most passengers (52,025 and 49,610), reflecting in part the fact that they have the greatest span of service. Route M has the next greatest ridership (29,334 trips). Route S carries the fewest passengers (4,454 trips). Route I, which was the reverse of Route D, was discontinued in August of 2017; therefore data for the two routes are combined. As Routes C, G, F and E are interlined (operated by the same bus and driver), operating data for these routes are combined in Roseville Transit operating reports.

Table 17: Roseville Transit Local Fixed Route Operating Statistics					
FY 2016-17					
Route	Passenger Trips	Vehicle Revenue Hours	Annual		
			Vehicle Service Miles	Operating Cost ⁽²⁾	Fare Revenue
A	52,025	7,630	112,222	\$803,276	\$108,649
B	49,610	7,398	90,179	\$757,422	\$103,603
D / I ⁽¹⁾	19,794	3,743	58,808	\$398,383	\$41,338
C, G, F, E	9,052	3,173	56,068	\$344,855	\$18,904
L	18,184	3,437	36,243	\$345,453	\$37,974
M	29,334	4,557	73,463	\$487,127	\$61,260
R	10,248	743	16,701	\$84,877	\$21,401
S	4,454	2,071	26,960	\$214,016	\$9,302
Total Local Fixed Routes	192,701	32,753	470,644	\$3,435,382	\$402,432
Source: Roseville Transit Quarter 4 2016-17, FR Service Revenue Log 16-17					
Note 1: Route I has been discontinued. Route I was the reverse of Route D and only operated as a separate route for two months during this period.					
Note 2: Including fixed operating costs allocated by vehicle revenue hours.					

Table 18 presents six performance indicators typically used to evaluate public transit's effectiveness and efficiency for the local fixed routes:

- ♦ **One-Way Passenger-Trips per Vehicle Revenue Hour** – Roseville Transit has adopted a standard of 8.0 passenger trips per hour for local fixed route services. Passenger-trips per hour is considered to be a measure of the services' productivity. Only Route R meets this standard (13.8 trips per hour). Route R operates only four round trips per day and primarily serves passengers travelling to Pride Industries day programs. Collectively, the fixed routes carry 5.9 trips per hour. Route S, which makes limited trips between the Galleria and the Santucci Justice Center, carries the fewest trips per hour (2.2). Routes A and B, the core routes, carry close to 7 trips per hour. Notably, the interlined Routes C, G, F and E (which only provide service every 2 hours) have the second-lowest productivity.

Table 18: Roseville Transit Performance - Fixed Routes					
<i>FY 2016-17</i>					
Shading Indicates Attains Standard					
Route	Pax per Vehicle Hour	Pax per Vehicle Mile	Operating Cost per Trip ⁽¹⁾	Subsidy per Trip ⁽¹⁾	Farebox Ratio ⁽¹⁾
A	6.8	0.5	\$15.44	\$13.35	13.5%
B	6.7	0.6	\$15.27	\$13.18	13.7%
D / I	5.3	0.3	\$20.13	\$18.04	10.4%
C, G, F, E	2.9	0.2	\$38.10	\$36.01	5.5%
L	5.3	0.5	\$19.00	\$16.91	11.0%
M	6.4	0.4	\$16.61	\$14.52	12.6%
R	13.8	0.6	\$8.28	\$6.19	25.2%
S	2.2	0.2	\$48.05	\$45.96	4.3%
Total Fixed Route	5.9	0.4	\$17.83	\$15.74	11.7%
Fixed Route Standard	8.0	--	--	\$5.00	15%

Source: Roseville Transit Quarter 4 2016-17
 Note 1: Including fixed operating costs allocated by vehicle revenue hours.

- ♦ **One-Way Passenger-Trips per Vehicle Service Mile** – As a whole, the fixed routes carry 0.4 trips per mile. Route S and C/G/F/E, which serve Sierra College and Cirby Ave, have the lowest trips per mile (0.2) while Route B and R have the highest (0.6).
- ♦ **Operating Cost per One-Way Passenger Trips** – Operating cost per trip for all fixed routes combined is \$17.83. Per route this ranges from a low of \$8.28 on Route R to a high of \$48.05 on Route S. Route R only operates during peak periods, thereby making the route more efficient by this measure.
- ♦ **Operating Subsidy per One-way Passenger Trip** - In total the local fixed routes require \$15.74 in subsidy per trip. Route S requires the greatest amount of subsidy per trip (\$45.96), followed by C/G/F/E (\$35.01). The most cost effective route is Route R (\$6.19 per trip), followed by Routes A and B (\$13.35 and \$13.18 respectively). Roseville Transit has set a standard for subsidy per trip on the local fixed routes of \$5.00 per trip. None of the routes make this standard, although Route R comes fairly close.

- ♦ **Farebox Ratio** - The farebox recovery ratio for Roseville Transit fixed route services is 12.0 percent, which is below the City local fixed route farebox ratio standard of 15 percent. State TDA farebox ratio requirements are only applicable to systemwide performance measures, discussed above. On a route by route basis, only Route R meets the standard.

Commuter Routes

Commuter Service operating statistics and performance are displayed in Table 19 and 20. Of the AM Routes, Route 8 (which picks up at the Taylor and I-80 Park and Ride and drops off in downtown Sacramento at 7:45 AM) carried the most passenger-trips (9,542 per year). For the afternoon service, Route 2 (3:30 PM Sacramento departure) carried the most trips (8,243). AM Routes 9 and 3 operate the most vehicle hours (over 400 annually) and miles (around 14,000 annually) of the morning runs. For the afternoon runs, PM Route 9 operated the most vehicle revenue hours (554 hours) and PM Route 6 travelled the most miles.

- ♦ **One-Way Passenger-Trips per Vehicle Revenue Hour** –Productivity on the commuter routes far surpasses the City standard of 8.0 trips per hour. The AM Routes have an average passenger- trips per hour of 22.5 while the PM Routes carry 20.9 trips per hour. The most productive routes are AM Route 8 (7:47 AM arrival in Sacramento) and PM Route 4 (4 PM departure from Sacramento). The least productive routes are AM Route 1 (9.9 trips per hour) which arrives in Sacramento at 6:00 AM and PM Route 10 (11.1 trips per hour) which departs Sacramento at 5:20 PM.
- ♦ **One-Way Passenger-Trips per Vehicle Service Mile** –The Commuter Routes average 0.6 passenger trips per mile. AM Route 1 has the lowest trips per mile (0.2) and AM Route 8 and 4 have the highest (0.8).
- ♦ **Operating Cost per One-Way Passenger Trips** – Operating cost per trip for the Commuter Routes as a whole is \$6.11. The most cost efficient route is AM Route 8 which costs \$3.54 per trip, followed by PM Route 2 (\$4.06). The least cost effective routes under this performance measure are AM Route 1 (\$14.12) and PM Route 10 (\$10.93).
- ♦ **Operating Subsidy per One-way Passenger Trip** – The Commuter Routes have a very low subsidy per trip of \$1.25 overall. In fact many of the routes more than pay for themselves. This is helped by the fact that commuters are regular customers and tend to purchase monthly passes on a regular basis.
- ♦ **Farebox Ratio** – Along the same lines, farebox ratio is 79.6 percent for the commuter routes as a whole, which exceeds the standard of 75 percent. The commuter route with the greatest farebox ratio is AM Route 8 (137.1 %). The route with the lowest farebox ratio is AM Route 1 (34.4 percent).

Dial-A-Ride

Operating data and performance measures for Roseville Transit Dial-A-Ride are displayed in Table 21. Demand response services by nature are much less productive and cost efficient, particularly in an area as extensive as Roseville. Roseville Transit DAR carries 2.4 passenger trips per hour, which is below the 3.0 standard. The service carries 0.2 trips per mile and costs \$43.66 per trip. Operating cost per hour is \$106.54 and subsidy per trip is \$40.01. The Dial-A-Ride service has a respectable farebox ratio of 8.6 percent but this is much lower than the 15 percent standard.

**Table 19: Roseville Transit Commuter Route
Operating Statistics**

FY 2016-17

Routes	Passenger Trips	Vehicle Revenue Hours	Vehicle Service Miles	Operating Cost ⁽¹⁾	Fare Revenue
AM Routes					
1	2,711	274	12,209	\$38,264	\$13,174
2	8,744	284	13,206	\$40,306	\$42,496
3	6,574	439	14,202	\$55,145	\$31,948
4	9,008	356	11,960	\$45,162	\$43,779
5	8,687	300	12,707	\$41,081	\$42,217
6	4,095	234	11,711	\$34,099	\$19,903
7	4,494	185	9,967	\$27,831	\$21,840
8	9,542	234	11,462	\$33,813	\$46,370
9	7,644	465	13,953	\$57,104	\$37,150
10	7,138	284	10,714	\$37,445	\$34,689
Subtotal AM Routes	68,638	3,056	122,090	\$410,251	\$333,565
PM Routes					
1	4,664	279	11,711	\$38,141	\$22,668
2	8,243	249	9,967	\$33,444	\$40,060
3	5,763	208	10,465	\$30,424	\$28,005
4	7,978	211	11,711	\$32,079	\$38,772
5	7,445	292	12,957	\$40,693	\$36,181
6	8,201	381	13,455	\$49,123	\$39,856
7	7,391	452	13,206	\$55,123	\$35,917
8	5,883	221	11,462	\$32,691	\$28,589
9	8,185	554	12,957	\$63,818	\$39,776
10	4,712	424	12,209	\$51,510	\$22,898
Subtotal PM Routes	68,464	3,271	120,097	\$427,046	\$332,722
Total	137,102	6,327	242,187	\$837,296	\$666,287

Source: Roseville Transit Quarter 4 2016-17, Comm Rev Log 16-17

Note 1: Including fixed operating costs allocated by vehicle revenue hours.

Table 20: Roseville Transit Performance - Commuter Routes

FY 2016-17

Shading Indicates Attains Standard

Route	Pax per Vehicle Hour	Pax per Vehicle Mile	Operating Cost per Trip ⁽¹⁾	Subsidy per Trip ⁽¹⁾	Farebox Ratio ⁽¹⁾
AM Routes					
1	9.9	0.2	\$14.12	\$9.26	34.4%
2	30.7	0.7	\$4.61	-\$0.25	105.4%
3	15.0	0.5	\$8.39	\$3.53	57.9%
4	25.3	0.8	\$5.01	\$0.15	96.9%
5	29.0	0.7	\$4.73	-\$0.13	102.8%
6	17.5	0.3	\$8.33	\$3.47	58.4%
7	24.2	0.5	\$6.19	\$1.33	78.5%
8	40.8	0.8	\$3.54	-\$1.32	137.1%
9	16.4	0.5	\$7.47	\$2.61	65.1%
10	25.1	0.7	\$5.25	\$0.39	92.6%
Subtotal AM Routes	22.5	0.6	\$5.98	\$1.12	81.3%
PM Routes					
1	16.7	0.4	\$8.18	\$3.32	59.4%
2	33.1	0.8	\$4.06	-\$0.80	119.8%
3	27.7	0.6	\$5.28	\$0.42	92.0%
4	37.8	0.7	\$4.02	-\$0.84	120.9%
5	25.5	0.6	\$5.47	\$0.61	88.9%
6	21.5	0.6	\$5.99	\$1.13	81.1%
7	16.3	0.6	\$7.46	\$2.60	65.2%
8	26.6	0.5	\$5.56	\$0.70	87.5%
9	14.8	0.6	\$7.80	\$2.94	62.3%
10	11.1	0.4	\$10.93	\$6.07	44.5%
Subtotal PM Routes	20.9	0.6	\$6.24	\$1.38	77.9%
Total	21.7	0.6	\$6.11	\$1.25	79.6%
Commuter Standards	8.0	--	--	--	75.0%

Source: Roseville Transit Quarter 4 2016-17

Note 1: Including fixed operating costs allocated by vehicle revenue hours.

Table 21: Roseville Transit Performance - Dial-A-Ride

FY 2016-17

Annual Data						
	Passenger Trips	Vehicle Revenue Hours	Vehicle Service Miles	Operating Cost ⁽¹⁾	Fare Revenue	
Dial-A-Ride Operating Statistics	28,408	11,642	184,006	\$1,240,301	\$103,788	

Performance Analysis						
	Pax per Vehicle Hour	Pax per Vehicle Mile	Operating Cost per Trip	Operating Cost per Hour	Subsidy per Trip	Farebox Ratio
Dial-A-Ride Performance Measures	2.4	0.2	\$43.66	\$106.54	\$40.01	8.4%
DAR Standard	3.0	--	--	--	--	15.0%

Source: Roseville Transit Quarter 4 2016-17

On-Time Performance

In FY 2016-17, the Dial-A-Ride service was “on-time” 98.5 percent of the time. DAR is considered on-time if the passenger is picked up within the 30 minute window. Fixed Route services averaged 89.4 percent on-time performance while the Commuter Routes averaged 93.3 percent on-time performance. On-time for the fixed and commuter routes is 1 minute before and 5 minutes after the scheduled departure time.

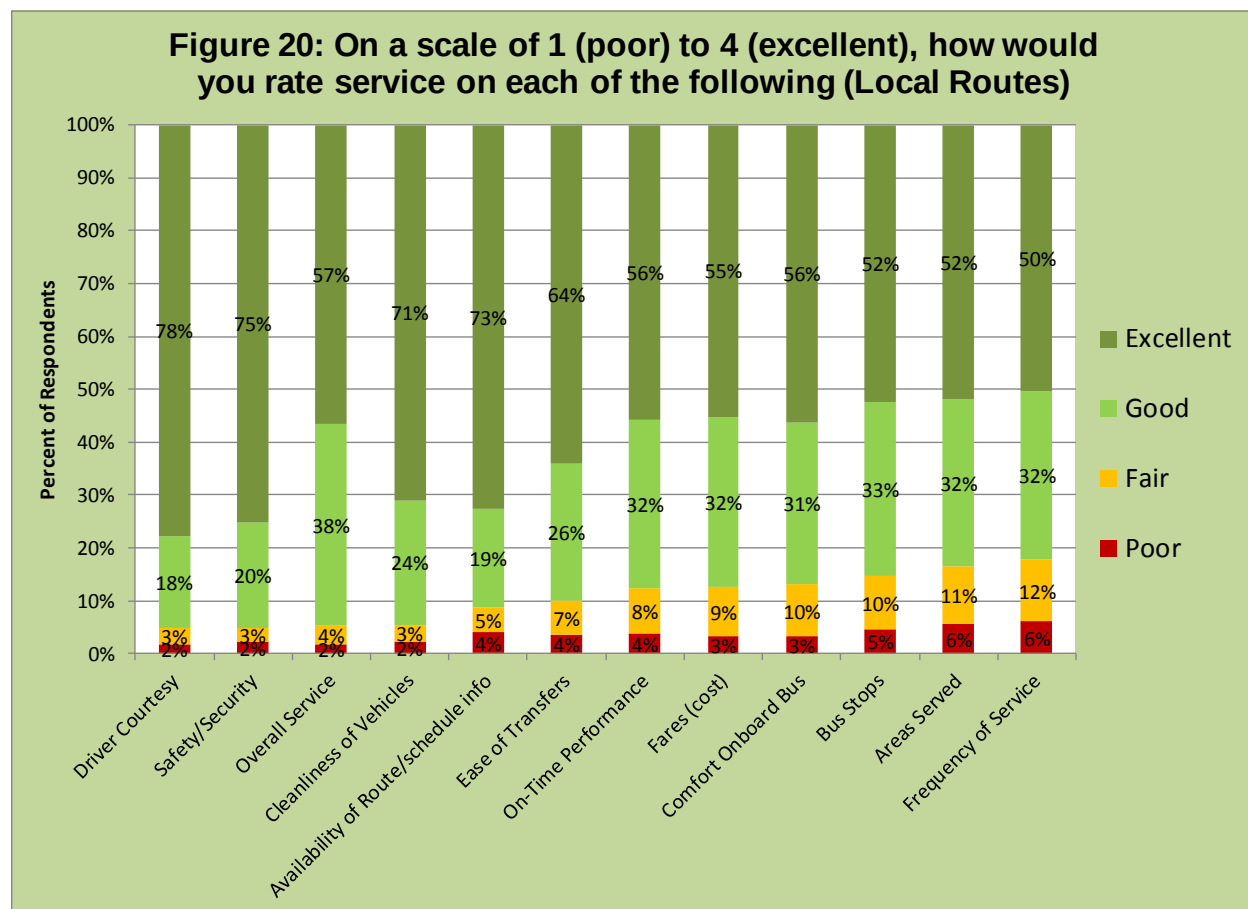
ROSEVILLE TRANSIT ON-BOARD SURVEY RESULTS

LSC Transportation Consultants conducted on-board surveys on Roseville’s fixed route, Commuter and Dial-A-Ride services system between Tuesday, November 7 and Friday, December 15, 2017 (including one Saturday on December 9 for the local fixed route service). The team surveyed each weekday run once during this time period, and surveyed half of the Saturday runs, administering bilingual passenger feedback surveys (English and Spanish), collecting boarding and alighting counts by stop, and conducting travel time-checks at specific stops. Complete results of the survey effort are included as Appendix D. A summary of important findings is described below:

Passenger Characteristics and Feedback

Fixed Route

- Roseville Transit’s ridership base is primarily a workforce ridership. Eighty-two percent are aged 17-59, and 73 percent are employed.
- Ninety percent of respondents use the bus at least two days a week.
- A third of respondents noted that they did not possess a driver’s license. This is a change from the 2010 surveys, when more than half (60 percent) of respondents stated that they did not have a driver’s license.
- Ninety-five percent of respondents rated Overall Service either “Good” or “Excellent.” Respondents were well-satisfied, with 82 percent or more providing a positive score in all service categories. Highest ranked categories were “Driver Courtesy” and “Safety/Security.” Lowest ranked categories were “Frequency of Service” and “Areas Served”, as shown in Figure 20.



- Nearly half of all riders (43 percent) thought that increasing the frequency of service is the improvement that is most likely to draw more ridership.
- Multiple respondents gave specific suggestions for improving Roseville transit. More common suggestions included:
 - More service to West Roseville, Granite Bay
 - Wi-Fi
 - Better transfers – buses should take the same pass
- Nearly three-quarters of all respondents (73 percent) obtain their transit information from sources produced for general consumption, i.e., not individualized service such as talking to a customer service representative on the phone. This is a change from the 2010 surveys, when the top three sources of transit information among respondents were “Bus driver,” “At the bus stop,” or “Call City Offices.”

Commuter Service

- Fully 96 percent of Commuter riders are employed, with 77 percent between the ages of 26 and 59, 3 percent between 17 and 25, and 20 percent 60 or older.
- 90 percent use the service two to five days a week, with 6 percent riding all five days a week, 2 percent one day a week to 2 days a month, and 1 percent less than one day a month.
- 96 percent of riders have a driver’s license, and 54 percent drive to the bus. Another 39 percent walk to their boarding stop, while less than 5 percent each got a ride, transferred from a local route, or bicycled.
- Overall, riders are happy with the service, with over 95 percent indicating the service is “good” or “excellent”. Individual factors that scored relatively low (82 to 88 percent indicating good or excellent) consisted of on-time performance, fares, bus stops, service frequency, and comfort on the bus.
- When asked what would most increase ridership, the most prevalent response (51 percent) was for more frequent service, followed by 32 percent indicating service to new areas. A mid-day commuter run was also a commonly identified need.

Dial-A-Ride

- A quarter of respondents would not have made the trip if Dial-A-Ride were not available. Another 59 percent stated that they would have gotten a ride or taken a taxi. Of those that selected “Other,” three (12 percent of the total) stated that they would have used Uber or Lyft.

- Respondents ranked each of eleven rider satisfaction categories very highly, with 85 percent or more rating each category positively. Respondents gave System Safety the highest ranking, followed by Bus Cleanliness. Other highly-ranked categories included On-line Information Services, Areas Served, and Driver Courtesy, as well as Overall Service. The two categories with the lowest rankings were Travel Time and On-Time Performance.

Boarding and Alighting Survey

Ridership by Run

The following runs have relatively high average boardings:

- Route A: 11:00 AM run – 17 passengers; 8:00 AM, 9:00 AM, 1:00 PM and 3:00 PM runs – 12 passengers.
- Route B: 12:30 PM and 2:30 PM runs – 12 passengers.
- Route M: 1:30 PM run – 20 passengers.
- Route R: 7:30 AM and 4:00 PM runs – 16 passengers.
- PM Commuter: 3:30 PM – 46 passengers; and 3:50 PM – 42 passengers.

At the other extreme, the following runs had average ridership of 5 or less passengers per run:

- Route A: 6:00 AM, 6:30 AM, 8:30 AM, 10:30 AM, 11:30 AM, 3:30 PM, 4:00 PM, 5:00 PM, 5:30 PM, 6:00 PM, 7:00 PM, 8:00 PM, and 9:00 PM.
- Route B: 6:00 AM, 6:30 AM, 7:00 AM, 12:00 PM, 1:00 PM, 2:00 PM, 3:30 PM, 4:30 PM, 5:30 PM, 6:00 PM, 6:30 PM, and 7:30 PM.
- Route D: 6:30 AM, 11:30 AM, 12:30 PM, 1:30 PM, 3:30 PM, 4:30 PM, and 5:30 PM.
- Route CGFE: 4:40 PM.
- Route L: 6:30 AM, 7:30 AM, 10:30 AM, 11:30 AM, 4:30 PM and 5:30 PM.
- Route M: 6:30 AM, 10:30 AM, 6:30 PM, 7:30 PM, and 8:30 PM.
- Route R: 8:30 AM and 4:30 PM.
- Route S: 7:30 AM, 8:30 AM, 11:00 AM, 11:30 AM, 1:30 PM, and 4:00 PM.

There were no passengers observed boarding the following runs:

- Route CGFE: 6:30 PM.
- Route S: 5:00 PM.

Ridership by Stop/Passenger Loads

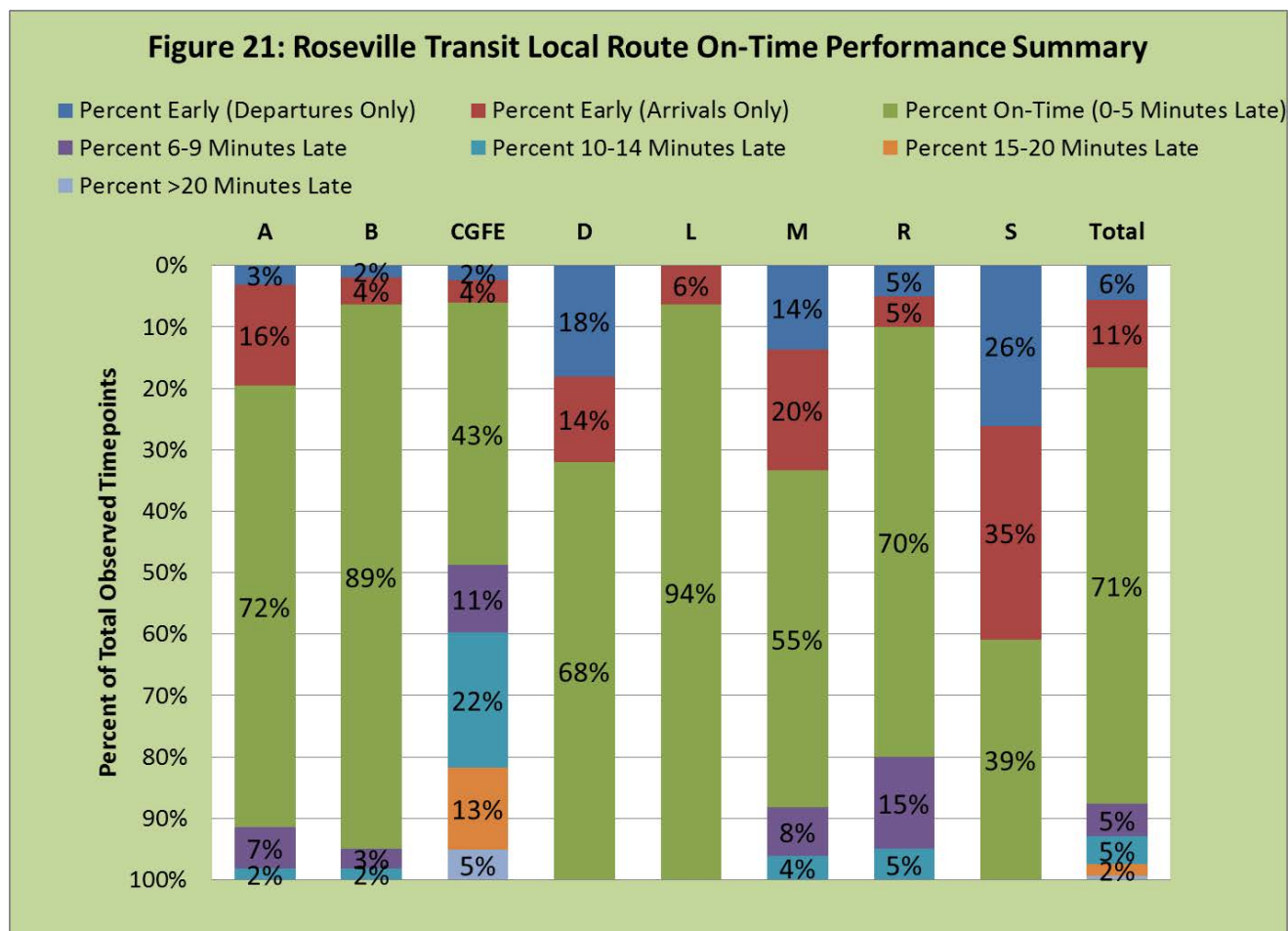
Key findings related to passenger activity at individual stops and maximum passenger loads after stops include:

- Excluding the commuter routes, the largest passenger activity occurs at the Galleria Transfer Point. The station is serviced by Routes A, B, M and S and experiences a total of 181 boarding and alighting counts on an average day.
- Route A experiences the largest total daily passengers, with a total of 184 boardings throughout the day. The greatest activity on Route A is at the Galleria Center Transfer Point, the Civic Center Transfer Point, and the Louis/Orlando Transfer Point. These stations experienced 69, 58, and 61 total boarding and alighting counts respectively.
- Route D has the greatest activity at the Woodcreek/Junction stop and Civic Center Transfer Point, with 17 and 31 total average daily boardings and alightings, respectively.
- Route R has high activity at the Foothills Boulevard at Pride Industries Stop, with 25 average daily boardings and alightings, and at Louis/Orlando Transfer Point, with 34 average daily boardings and alightings.
- On the commuter routes, the stop with the highest number of boardings and alightings is the Taylor & I-80/Sunsplash stop, with 146 total average daily boardings and 186 total average daily alightings. The next most popular stop is Saugstad, with 35 boardings and 40 alightings, then Mahany Park, with 13 boardings and 15 alightings.
- The highest maximum load on all Roseville local routes is 17, generated once per day each on routes M and R. The highest loads on the commuter routes are after the last stop in Sacramento, 16th and H, with 46 passengers.

On-Time Performance Survey

As part of the data collection that generated the onboard surveys and boarding/alighting counts, surveyors also recorded the times that stops were served on each run and route. Data was recorded on the local service at a total of 595 time points on weekdays. An additional 94 time points were recorded on the commuter routes. This information was analyzed to identify the on-time performance of the individual fixed routes, as well as to evaluate the specific route segments and times of day that experience delay. Figure 21 shows the results for the local routes graphically.

On weekdays on the local routes, 71 percent of time points were served within Roseville Transit's standard on-time "window" of zero to five minutes behind schedule. An additional 11 percent of weekday time points consisted of early arrivals at transfer points along the route. Other, non-arrival stops served early totaled 6 percent of the weekday observations. Time points served six or more minutes behind the published schedule totaled 13 percent of all weekday observations.



Other key findings include:

- Route A operates later than scheduled between the Louis/Orlando and the Civic Center Transfer Point stops on multiple runs throughout the day. Route A consistently arrives at the Galleria Transfer earlier than scheduled until 3:00 PM, when it begins to operate on-time or late throughout the PM commuter peak.
- Route B operates later than scheduled between the Sierra Gardens Transfer Point and the Galleria Transfer Point between the 3:40 PM and 6:10 PM commuter peak. Earlier in the day there are late arrivals at the Galleria on the 10:10 AM and 12:10 PM runs.
- Route CGFE consistently operates behind schedule on the afternoon runs.
- Route M consistently operates behind schedule in the 1:30 PM to 5:30 PM timeframe. Outside of that timeframe, the route consistently operates earlier than scheduled between the Pleasant Grove before Foothills stop and the Galleria Transfer Point.

- The A M commuters #3 (6:00 AM departure), #7 (6:50 AM departure), #9 (7:10 AM departure), and #10 (7:18 AM departure) were fifteen or more minutes late by the time they reached the first timepoint in Sacramento.
- Only one of the PM commuters, PM Commuter #2 (3:30 PM departure), met the on-time standard of no more than five minutes late for all stops. PM Commuter #9 and #10, both of which have reverse commutes leaving from Roseville, were more than 15 minutes late to the first time point in Sacramento on the day of observation. PM Commuter #9 was 45 minutes late to the first time point in Sacramento.

ROSEVILLE TRANSIT MARKETING PROGRAM

The City of Roseville Alternative Transportation staff includes one Marketing and Communications Analyst position whose time is spent on promoting all facets of the entire Public Works Department which includes but is not limited to: transit, bicycling and other transportation options.

Alternative Transportation staff attends outreach events at locations, such as Sierra College. The Roseville Transit website is easy to follow and provides good access to maps and schedules and relevant announcements. Text and e-mail alerts are available to those who sign up. Roseville Transit has a good presence on social media and Roseville Transit information is also available through the South Placer Transit Information website and Placer County Transportation Planning Agency website. The City of Roseville conducts a number of marketing campaigns (including paid advertising) throughout the year in an effort to increase ridership.

Another marketing effort for Roseville Transit and the south Placer region is the Transit Ambassador Program which is funded through the Consolidated Transportation Services Agency. Volunteers are trained and spend time at transfer centers to answer questions and assist passengers with deciphering transit information and planning trips. Roseville Transit also has an extensive Mobility Training for individuals or groups who may need special help in order to use transit independently.

The Marketing and Communications Analyst also provides support to regional partners when it comes to communications and marketing, i.e. Summer Youth Bus Pass, South Placer Transit Information, etc.

The City of Roseville will direct a future contract to research and develop an overall marketing and communications plan for Roseville Transit. The plan will identify target budgets for resources, and outline marketing, advertising, and public relations initiatives.

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A “peer analysis” is a useful tool in comparing a transit program with other, similar programs. This can provide a good context for the ridership and performance figures, and help in identifying areas of relative strength and weakness. This discussion first presents the peer systems selected for comparison, followed by the data and analysis.



PEER TRANSIT OPERATORS

Table 22 displays operating data for five municipally operated transit systems in California with populations ranging from 128,000 to 163,000. These peer systems were also chosen to be similar to Roseville Transit, such as by not serving a major university. A brief overview of each system follows:

- **Corona Cruiser** – The City of Corona is located in inland Southern California and has a slightly larger population than Roseville (161,000). The city operates two fixed routes and a DAR service six days per week. Systemwide service levels are less than Roseville Transit, as well as ridership (213,164).
- **E-Tran** – The relatively newly-incorporated City of Elk Grove outside of Sacramento operates 7 fixed routes (6 days per week) and 10 commuter routes into Sacramento. The population of the city is roughly 30,000 more than the City of Roseville. The service is similar to Roseville Transit in that they provide local fixed routes, commuter, general public Dial-A-Ride as well as paratransit services. Ridership on E-Tran is significantly greater than Roseville Transit, with 922,757 trips at similar service levels.
- **Simi Valley Transit** – The City of Simi Valley in southern California operates four fixed routes and a demand response service six days per week. Population (126,126) and ridership (377,104) levels are very similar to Roseville Transit services, but Simi Valley Transit operates fewer vehicle miles annually (roughly 160,000 fewer).
- **Thousand Oaks** – Nearby to Simi Valley is the City of Thousand Oaks with a population size very similar to the City of Roseville. The City operates four fixed routes, one commuter shuttle to a Metrolink station and Dial-A-Ride, six days per week. Ridership is very similar to Roseville Transit (128,623) but service levels are greater.
- **Visalia Transit** – Located in the Central Valley, the Visalia Transit receives funding from Tulare County’s Measure R tax. As such, service levels are significantly higher than Roseville Transit. Visalia Transit operates 13 fixed routes, Town Trolley, DAR, and a shuttle service to

Sequoia National Park. Visalia Transit operates around 1.5 million trips per year but has a population very similar to Roseville Transit.

Table 22: Roseville Transit Systemwide Peer Analysis

	Operating Data					
	Annual Ridership	Vehicle Service Hours	Vehicle Service Miles	Service area Population ⁽¹⁾	Annual Operating Costs	Fare Revenues
Roseville Transit	360,882	50,969	899,317	128,276	\$5,537,660	\$1,180,254
Corona Cruiser	213,164	31,970	394,915	161,614	\$2,242,023	\$366,913
E-Tran (Elk Grove)	922,757	59,012	901,579	163,634	\$7,397,909	\$1,454,582
Simi Valley Transit	377,104	42,701	563,461	126,126	\$6,327,326	\$704,217
Thousand Oaks Transit	255,950	66,015	1,043,089	128,623	\$4,554,192	\$689,402
Visalia Transit	1,598,083	140,823	1,991,572	128,738	\$9,365,073	\$1,766,472
Peer Average	673,412	68,104	978,923	141,747	\$5,977,305	\$996,317

	Performance Measures					
	Ridership per Capita	Pax per Hour	Pax per Mile	Operating Cost per Hour	Operating Cost per Trip	Farebox Ratio
Roseville Transit	2.81	7.08	0.40	\$108.65	\$15.34	21.3%
Plan Recommended Standard	--	7.00	0.50	\$100.00	\$12.00	15.0%
Corona Cruiser	1.32	6.67	0.54	\$70.13	\$10.52	16.4%
E-Tran (Elk Grove)	5.64	15.64	1.02	\$125.36	\$8.02	19.7%
Simi Valley Transit	2.99	8.83	0.67	\$148.18	\$16.78	11.1%
Thousand Oaks Transit	1.99	3.88	0.25	\$68.99	\$17.79	15.1%
Visalia Transit	12.41	11.35	0.80	\$66.50	\$5.86	18.9%
Peer Average	4.87	9.27	0.66	\$95.83	\$11.79	16.2%
Roseville % of Peer Average	58%	76%	61%	113%	130%	131%
Roseville Ranking of 6 Systems	4th Highest	4th Highest	5th Highest	4th Lowest	4th Lowest	Highest

Source: State Controller 2016 Data

Note 1: American Community Survey 2016 estimate

PERFORMANCE COMPARISON

- The annual ridership average for the peer transit systems is 673,412. If Visalia Transit is not included, the average is 442,244. Roseville Transit's ridership falls below both of these figures, at 58 percent of the peer average. Roseville Transit's vehicle hours and miles are less but not far off from the peer annual vehicle hours of 68,104 and annual vehicle miles of 978,923.

- Peer ridership per capita is 4.87 trips, on average. This is greater than Roseville Transit's ridership per capita of 2.81 (76 percent of the peer average). Visalia Transit brings up the average significantly with 12.41 trips per capita. E-Trans also has relatively high ridership per capita of 5.64. Corona Cruiser has the lowest ridership per capita of 1.32 trips per person. If Visalia is excluded from the peers, Roseville's rate is just below the average of 2.98.
- In terms of productivity, the peer average annual passenger-trips per hour is 9.27. E-Trans is the most productive of the services, carrying 15.64 passenger trips per hour. Roseville Transit carries 7.08 trips per hour, which is better than both Corona Cruiser and Thousand Oaks Transit, and is 76 percent of the peer average.
- The passenger-trips per vehicle service mile peer average is 0.66. Roseville Transit ranks second to lowest (0.40), in front of Thousand Oaks Transit (0.25). E-Trans carries the most passenger-trips per mile (1.02).
- Roseville Transit's operating budget is in-line with the peer average of \$5.9 million. Visalia Transit has the largest budget of \$9.3 million and Corona has the smallest budget of \$2.2 million.
- Roseville Transit's operating cost per hour is 13 percent greater than the peer average of \$95.38, but less than E-Trans (\$125.36) and Simi Valley (\$148.18).
- The peer average operating cost per passenger-trip is \$11.79. At \$15.34, Roseville Transit is 30 percent higher than this average.
- Roseville Transit's passenger fare revenues (\$1,180,284) is greater than the peer average of \$996,317.
- In terms of farebox ratio, Roseville Transit has the highest farebox ratio of all the peer transit operators, 21.3 percent.

Sacramento Commuter Comparison

Several transit operators in the greater Sacramento region provide commuter public transit services into downtown Sacramento: Yuba-Sutter Transit from Marysville/Yuba City, El Dorado Transit from Placerville, Placer County Transit from as far as Colfax and Yolo from Woodland. While each system has its differences, the fact that all serve the same employment market makes this a useful peer comparison. Table 23 compares these services to Roseville Transit's commuter routes.

The peer average ridership for the Sacramento Commuter Services is 96,745, lower than Roseville Transit's ridership of 137,102. Annual vehicle hours operated range from 2,565 on

Table 23: Roseville Transit Commuter Route Peer Analysis

	Annual Data				Performance Measure		
	Ridership	Vehicle Hours	Vehicle Miles	Operating Cost	Pax per Hour	Pax per Mile	Operating Cost per Hour
Roseville Transit	137,102	6,327	242,187	\$837,296	21.7	0.57	\$132.34
PCT Commuter	70,677	3,163	101,279	\$865,744	22.3	0.70	\$273.74
El Dorado Transit	139,792	9,057	281,027	\$1,411,252	15.4	0.50	\$155.82
Yuba Sutter Transit	118,307	11,630	418,000	\$855,307	10.2	0.28	\$73.54
YoloBus Route 45	58,204	2,565	65,323	NA	22.7	0.89	NA
Peer Average	96,745	6,604	216,407	\$1,044,101	17.7	0.59	\$167.70
<i>Roseville % of Peer Average</i>					123%	96%	79%
<i>Roseville Ranking</i>					3rd Highest of 5	3rd Highest of 5	2nd Lowest of 4
Source: FY 2016-17 data for all but YoloBus, which is FY 2014-15							

Yolobus Route 45 to 11,630 on Yuba Sutter Transit. Roseville Transit is very close to the peer average of 6,604 in terms of vehicle hours. Yuba-Sutter Transit also travels the greatest number of vehicle miles (418,000), much more than the peer average of 216,407. Yolobus Route 45 only travels 65,323 annual vehicle miles.

Roseville Transit, PCT and Yolobus Route 45 all carry over 20 passenger-trips per vehicle hour. At 21.7, Roseville Transit is 23 percent above the peer average of 17.7. Yuba Sutter Transit has the lowest productivity, at 10.2 trips per hour. Roseville Transit's passenger per mile performance is very similar to the peer average of 0.59 trips per mile. Yuba-Sutter Transit's Commuter Routes (not including mid-day service to Sacramento) are clearly the most cost effective, with an operating cost per hour of \$73.54. Roseville Transit's operating cost per hour is 17 percent lower than the peer average of \$132.34 and below PCT (\$273.74) and El Dorado Transit (\$155.82). PCT's cost per hour is significantly above the peer average. Many factors may contribute to this, including that half of the hours for each commuter route is deadhead travel and therefore not included in the revenue hour calculation, split shifts and the high proportion of deadhead travel require drivers to check in multiple times, there were particularly high maintenance costs in FY 2016-17, and difficulties with the contractor requiring additional administrative oversight. Additionally, PCT cost figures include allocated county staff time spent managing the commuter service contract; whereas, that level of detail was not available for the other transit operators.

General Public DAR Peer Comparison

Many small city/suburban transit operators provide Dial-A-Ride service; however most of these services are only available to ADA eligible passengers. Other similar public transit operators which offer general public DAR similar to Roseville Transit are: PCT, El Dorado Transit and Visalia Transit. Table 24 displays operating and performance characteristics for these transit operators. Only data for PCT's Rocklin/Loomis DAR is presented and it should be noted that Visalia Transit's DAR service is only available to the general public if space is available. Ridership of the various services varies significantly from 8,752 trips on the PCT Rocklin/Loomis DAR to 34,224 trips on Visalia Transit DAR. Roseville Transit ridership, service levels and costs are all greater than the peer average.

Table 24: Roseville Transit General Public DAR Peers				
	Annual Ridership	Vehicle Service Hours	Vehicle Service Miles	Est. Annual Operating Costs
Roseville Transit	28,408	11,642	184,006	\$1,240,301
Placer County Transit (Rocklin Loomis)	8,752	5,129	49,561	\$368,980
El Dorado Transit	20,880	11,293	208,545	\$1,513,306
Visalia Transit	34,224	11,938	158,347	\$793,906
Peer Average	21,285	9,453	138,818	\$892,064
Roseville % of Peer Average	133%	123%	133%	139%
	Pax per Hour	Pax per Mile	Operating Cost per Hour	Operating Cost per Trip
Roseville Transit	2.4	0.15	\$106.54	\$43.66
Recommended Standard	2.5	0.20	\$100.00	\$35.00
Placer County Transit (Rocklin Loomis)	1.7	0.18	\$71.94	\$42.16
El Dorado Transit	1.8	0.10	\$134.00	\$72.48
Visalia Transit	2.9	0.22	\$66.50	\$23.20
Peer Average	2.1	0.2	\$90.82	\$45.94
Roseville % of Peer Average	114%	94%	117%	95%

- Passengers per Vehicle Hour – Roseville Transit DAR is the second most productive of the peers and carries 2.4 trips per hour, above the peer average of 2.1 trips per hour.
- Passenger per Vehicle Mile – Roseville Transit is at 94 percent of the peer average in terms of passenger trips per vehicle mile.

- Operating cost per Vehicle Hour – Roseville Transit’s operating cost per hour (\$106.54) is greater than the peer average of \$90.82 but less than El Dorado Transit’s cost of \$134.
- Operating cost per Passenger-trip – Roseville Transit’s operating cost per trip (\$43.66) is less than the peer average of \$45.94.

Peer Fare Structure Comparison

Another worthwhile comparison is to review the fare structures of the peer transit systems. Table 25 shows that only E-Trans has a higher general public base fare. Table 26 demonstrates that Roseville Transit’s Resident commuter fare is below the peer average. Only YoloBus has the same fare.

Table 25: Roseville Transit Fixed Route Base Fare Peer Comparison		
	General Public One-way fare	Discount One-Way Fare
Roseville Transit	\$1.50	\$0.75
Corona Cruiser	\$1.50	\$0.70
E-Trans (Elk Grove)	\$2.25	\$1.10
Simi Valley Transit	\$1.50	\$0.75
Thousand Oaks Transit	\$1.50	\$0.75
Visalia Transit	\$1.50	\$0.75

Table 26: Roseville Transit Commuter Route Fare Peer Comparison		
	One-Way Fare	Monthly Pass
Roseville Transit (Resident)	\$3.25	\$110.00
PCT Commuter ⁽¹⁾	\$4.25	\$131.25
El Dorado Transit	\$5.00	\$180.00
Yuba Sutter Transit	\$4.00	\$128.00
YoloBus Route 45	\$3.25	\$121.00
Peer Average	\$4.13	\$140.06
Note 1: Fare from Rocklin/Roseville		

SUMMARY

The following findings can be made from the existing services review of Roseville Transit:

- Although commuter route ridership has grown 30 percent over the past 9 years, systemwide ridership has declined by 17 percent.
- Due to a high commuter route farebox ratio, Roseville Transit meets the TDA farebox requirement of 15 percent. Roseville Transit's farebox ratio is also higher than the other peer transit operators reviewed.
- On a per route basis, Route R performs the best in terms of productivity and cost efficiency. Likely due to the fact, this route serves a significant transit generator (Pride Industries) during peak hours. Route S had the worst performance in FY 2016-17. Although this route has low ridership, it provides an important connection to county government services.
- The low productivity of the interlined Routes C, G, F and E indicate the need for a review of this service element, including an evaluation of alternative service models.
- Roseville Transit serves as an element of a regional transit network, as 10 percent of fixed route boardings are transfers from PCT or Sac RT.
- Overcrowding is an issue on some of the Commuter runs, particularly in the afternoon.
- The peer comparison demonstrated that Roseville has lower ridership than many similar sized cities outside of the Sacramento region. However, compared to other Sacramento Commuter Services, Roseville Transit's commuter routes perform well.
- Passengers are most interested in more frequent service. There are also specific desires for expanded connections with Granite Bay, and service to West Roseville.
- Roseville Transit's fixed route fare structure is in line with peers and the resident commuters receive a good discount.

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Chapter 7

GOALS, OBJECTIVES AND PERFORMANCE STANDARDS

An important element in the success of any organization is a clear and concise set of goals and objectives, as well as the performance measures and standards needed to attain them. As a public entity, a public transit organization is expending public funds and therefore has a responsibility to provide the public with transparent information on how funds are being spent and how well it is doing in meeting its goals. Funding partners also have a responsibility to ensure that funds provided to the transit program are being used appropriately. This is accomplished by providing information on the effectiveness and efficiency of the transit program. Additionally, an adopted set of goals and performance standards helps to communicate the values of the transit program to other organizations, to the public, and to the organization staff.



The current mission statement for the Roseville Transit program is as follows:

“We provide and continually enhance reliable, convenient and safe transportation options.”

The Study Team reviewed the goals, objectives and performance standards from the prior Short Range Transit Plan. Table 27 presents existing and updated performance standards which will be used for analysis of the service alternatives. The standards are compared to actual performance in FY 2009-10 and FY 2016-17. The recommended standards were based on applicable laws, performance history and peer transit operator performance. Peer transit performance data can be found in Tables 22, 23 and 24.

Table 27: Roseville Transit Goals, Objectives and Performance Standards (1 of 2)

Objective	Performance Measure	Existing Standard	Actual Performance		Standard met in 2016-17?	Recommended Standard
			FY 2008-09	FY 2016-17		
Goal 1: Sustainably operate an efficient and effective transit system through maximizing service and minimizing cost impacts						
Minimize Operating Cost	Farebox Ratio					
	Systemwide	15%	17.1%	21.3%	Yes	15%
	Fixed Route	15%	9.5%	11.7%	No	15%
	Commuter	75%	66.9%	79.6%	Yes	75%
	Dial-A-Ride	10%	8.0%	8.4%	No	8%
	Operating Cost per Vehicle Hour					
	Systemwide	\$80	\$78.48	\$108.65	No	\$100
	Fixed Route		\$78.80	\$104.89	No	\$100
	Commuter		\$74.32	\$132.34	No	\$130
	Dial-A-Ride		\$80.25	\$106.54	No	\$100
	Operating Cost per Passenger					
	Systemwide	\$10	\$12.11	\$12.07	No	\$12
	Fixed Route		\$11.83	\$15.74	No	\$15
	Commuter		\$6.12	\$6.11	Yes	\$6
	Dial-A-Ride		\$34.29	\$40.01	No	\$35
Increase Transit Passengers	Passengers per Vehicle Hour					
	Systemwide	8.0	6.5	7.1	No	7.0
	Fixed Route		6.7	5.9	No	7.0
	Commuter		12.2	21.7	Yes	20.0
	Dial-A-Ride	3.0	2.3	2.4	No	2.5
	Passengers per Vehicle Mile					
	Systemwide	1.00	0.47	0.4	No	0.5
	Fixed Route		0.53	0.4	No	0.5
	Commuter		0.50	0.6	No	0.6
	Dial-A-Ride		0.21	0.2	No	0.2
	Annual Growth in Passengers					
	Systemwide	2%	-8.7%	-7.2%	No	Growth Exceeding Annual Population Growth Rates
	Fixed Route		-11.3%	-13.9%	No	
	Commuter		2.3%	3.1%	Yes	
	Dial-A-Ride		-7.7%	-3.7%	No	
Increase Revenues	Fare per Passenger					
	Systemwide	\$2.00	\$2.07	\$3.27	Yes	\$3.50
	Fixed Route		\$1.13	\$2.08	Yes	\$2.25
	Commuter		\$4.09	\$4.85	Yes	\$5.00
	Dial-A-Ride		\$2.74	\$3.65	Yes	\$3.75

Table 27: Roseville Transit Goals, Objectives and Performance Standards (2 of 2)

Table 27: Roseville Transit Goals, Objectives and Performance Standards (2 of 2)						
Objective	Performance Measure	Existing Standard	Actual Performance		Standard met in 2016-17?	Recommended Standard
			FY 2008-09	FY 2016-17		
Goal 2: Provide safe, reliable, and high quality transportation						
Provide Service Safely	Passenger injuries	<1 per 100K boardings	Met Standard	NA	Unknown	<1 per 100K boardings
	Preventable accidents	Min. of 60K miles between preventable accidents	Met Standard	1 per 39,101 miles	No	<1 per 50,000 miles
	All accidents	<1 per 25,000 miles	--	1 per 23,059 miles	No	<1 per 25,000 miles
Reliable Transit Service	On-time performance					
	Fixed Route	95% of all trips on- time (1 minute early or no more than 5 minutes late)	Met Standard	89.4%	No	95 % of all trips on- time (1 minute early or no more than 5 minutes late)
	Commuter Bus	95% of all trips on- time (1 minute early or no more than 5 minutes late)	Met Standard	93.3%	No	95 % of all trips on- time (1 minute early or no more than 5 minutes late)
	Dial-A-Ride	90% pick up within 30 minute window	Met Standard	98.5%	Yes	Pick up within 30 minute window
	Maintenance Standard	> 10,000 miles per road call	--	1 per 28,104 miles	Yes	> 10,000 miles per road call
	Dial-A-Ride Missed Trips	< 1 percent of monthly trips	Met Standard	0.03%	Yes	< 1 percent of monthly trips

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This chapter presents the analysis of a wide range of transit service alternatives. At the end of this section, the various alternatives are compared and an analysis on system performance is presented.

These alternatives have been developed based upon a review of existing service performance, public input, and with the intent of addressing the City's adopted transit goals. In particular, this plan addresses the first goal: *"Sustainably operate and effective transit system through maximizing service and minimizing cost impacts"*. Some of these alternatives address the key objective under this goal of *"Minimize operating cost"* by identifying services that are not cost-effective. Other alternatives address another key objective: *"Increase transit passengers"* and the associated *"Increase revenues"* by assessing options that could increase ridership.



In reviewing these alternatives, it is important to consider that the Roseville Transit service is an interconnected network of routes, with many passengers using a combination of routes to complete individual trips. In addition, many Roseville Transit local route riders also transfer to other connecting services. To provide a background on this, the onboard surveys conducted on the Roseville Transit local routes (excluding the commuter service) were analyzed to estimate the number of individual one-way passenger trips occurring between various portions of the service area on an average weekday. A total of 227 valid passenger survey responses were evaluated, and then factored by the average one-way passenger-trips (adjusted to eliminate transfers). The resulting origin/destination pattern across the service region is presented in Table 28 and shown in Figure 22. Beyond reflecting the intricate pattern of passenger-trips, this figure indicates the following:

- The busiest overall individual origin/destination pairs are between southwest Roseville and the Galleria area, followed by northern Roseville and the Galleria.
- All of the five busiest origin/destination pairs with more than 40 passenger-trips per day are to from the Galleria area, reflecting this area's role as a key hub in the Roseville Transit system.
- The Douglas East and East zones (the latter of which includes Sierra College) have relatively low ridership to/from other zones.
- The overall pattern is generally consistent with the current route structure. In particular, it is consistent with the Route A/Route B loops that are the key element of the local route structure.

Figure 22
Roseville Transit Average Daily Transit Passenger Trips
by Origin and Destination

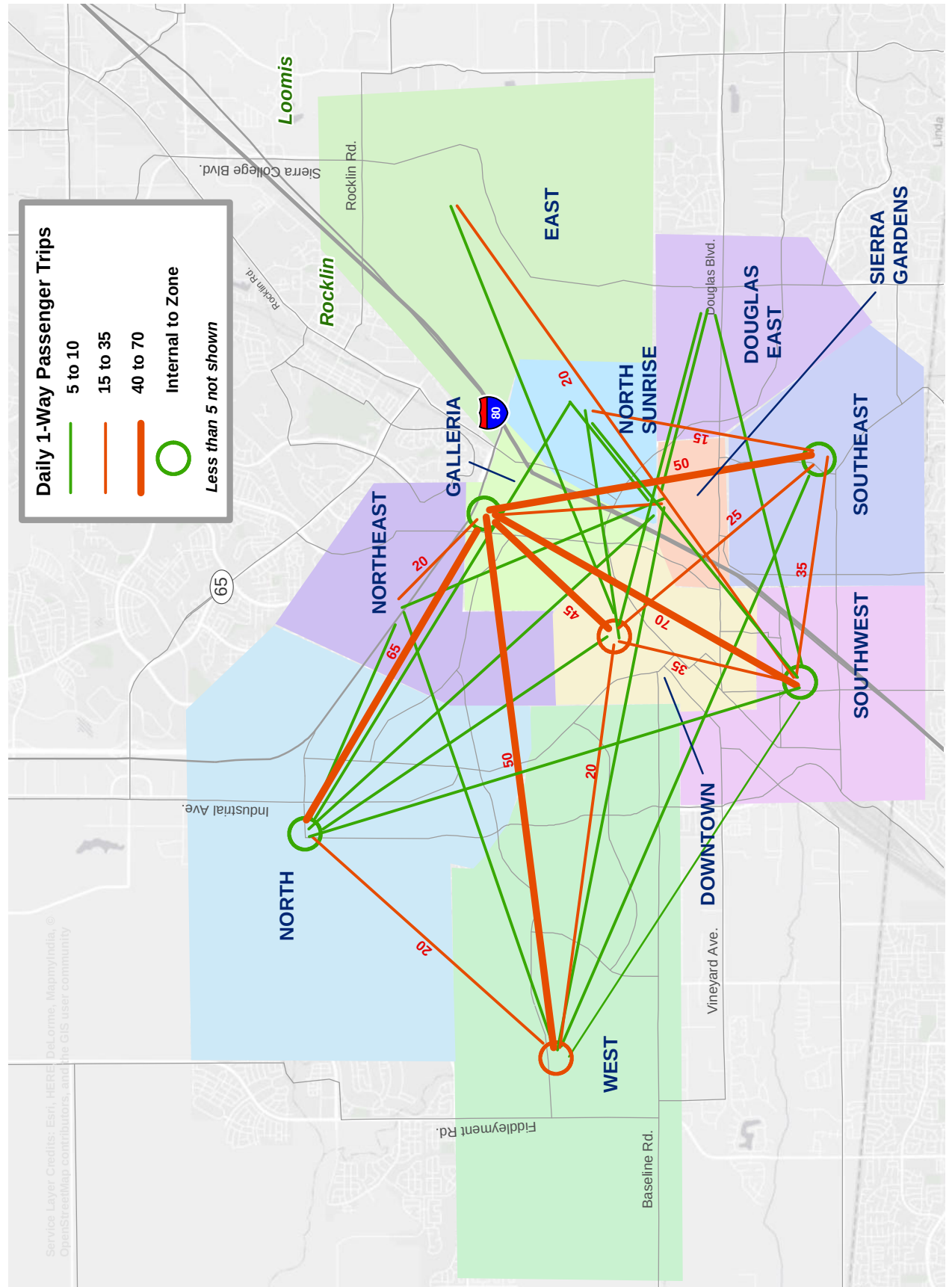


TABLE 28: Roseville Transit Estimated Average Weekday Daily 2-Way Passenger Trips by Origin-Destination

		AND ZONE												Total 2-Way	Proportion of All Trip-Ends
		West	North	Northeast	Downtown	Galleria	North Sunrise	East	Douglas East	Sierra Gardens	Southeast	Southwest			
BETWEEN ZONE	West	15	20	10	20	50	0	0	0	5	5	5	145	10%	
	North	--	5	5	10	65	5	0	0	10	0	10	135	10%	
	Northeast	--	--		0	20	0	0	0	5	0	0	40	3%	
	Downtown	--	--	--	15	45	10	5	5	10	25	35	195	14%	
	Galleria	--	--	--	--	5	0	0	5	20	50	70	335	24%	
	North Sunrise	--	--	--	--	--	0	0	0	5	15	10	45	3%	
	East	--	--	--	--	--	--	0	0	20	0	0	25	2%	
	Douglas East	--	--	--	--	--	--	--	0	10	0	5	25	2%	
	Sierra Gardens	--	--	--	--	--	--	--	--	0	10	25	120	8%	
	Southeast	--	--	--	--	--	--	--	--	--	5	35	150	11%	
	Southwest	--	--	--	--	--	--	--	--	--	--	5	205	14%	
Source: Survey of 227 Roseville Local Route Passengers															

In addition, the surveys were used to identify the total transfer patterns between the various Roseville Transit routes, as well as to/from connecting services. As shown in Table 29, transfers are a key part of the transit system, with fully 47 percent of all Roseville Transit passengers transferring as part of their trip. This 47 percent is made up of up 36 percent that transfer between Roseville Transit routes, 6 percent that transfer to/from Sacramento RT routes, and 5 percent that transfer to/from PCT routes. Within the Roseville Transit system, a relatively high proportion of transfers occur among riders on Routes C, D, E, F, G and L, all of which have more than 60 percent of passengers using other routes as part of their trip. This information is useful in assessing how service changes on one element of the Roseville system can impact ridership on connecting routes.

TRANSPORTATION NETWORK COMPANY/MICROTRANSIT

Prior to discussing individual service options, it is worthwhile to more broadly discuss emerging forms of public mobility, namely the use of Transportation Network Companies (TNCs), such as Lyft or Uber, or the “app-based” demand-response general public “microtransit” services.

Serving lower-demand areas, serving low-demand periods (such as evenings) and making first-mile/last-mile connection have long been a challenge for public transit agencies. With the nationwide decline in public transit ridership, transit operators and public agencies are looking for new and innovative ways to provide public transit that will attract more riders at a lower cost. Contracting with TNCs or “microtransit” companies is seen by many as a potential solution. The following section explores this topic in greater detail, while Appendix E presents a review of seven pilot projects which have been conducted throughout the country. Lastly, this

TABLE 29: Transfer Summary -- Roseville Local Route Riders

Source - Survey of 340 Riders

Shading Reflects Relative Value From Low (Green) to High (Red)

No Transfer	A/B	C/G/E/F	D	L	M	R	S	Roseville Commuter	Auburn/LR	Lincoln/SC	RT 21	RT 93	Subtotal: Roseville Local	Subtotal: PCT	Subtotal: RT	Total Transfers	Total
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Percentage of Ridership on Route Transferring To/From Other Routes

A/B	58%	0%	3%	5%	5%	7%	3%	3%	0%	3%	3%	5%	6%	25%	7%	11%	42%	100%
C/G/E/F	38%	33%	10%	0%	14%	0%	0%	0%	5%	0%	0%	0%	0%	57%	0%	0%	62%	100%
D	36%	26%	0%	0%	14%	21%	2%	0%	0%	0%	0%	0%	0%	64%	0%	0%	64%	100%
L	33%	37%	10%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	67%	100%
M	59%	22%	0%	12%	0%	0%	1%	0%	0%	0%	4%	1%	0%	36%	4%	1%	41%	100%
R	45%	32%	0%	5%	0%	5%	0%	0%	5%	0%	0%	0%	9%	41%	0%	9%	55%	100%
S	52%	33%	0%	0%	0%	0%	0%	0%	5%	5%	5%	0%	0%	33%	10%	0%	48%	100%
Total	53%	13%	3%	6%	4%	6%	2%	2%	1%	2%	3%	3%	4%	36%	5%	6%	47%	100%

Estimated Average Weekday Ridership

A/B	216	0	11	17	17	26	11	11	0	12	12	17	23	92	25	40	156	373
C/G/E/F	26	23	7	0	10	0	0	0	3	0	0	0	0	40	0	0	43	69
D	12	9	0	0	5	7	1	0	0	0	0	0	0	21	0	0	21	33
L	22	24	7	13	0	0	0	0	0	0	0	0	0	44	0	0	44	67
M	64	24	0	13	0	0	1	0	0	0	0	4	1	38	4	1	44	108
R	18	13	0	2	0	2	0	0	2	0	0	0	4	16	0	4	22	40
S	9	6	0	0	0	0	0	0	1	1	1	0	0	6	2	0	9	18
Total	373	93	19	42	31	42	14	11	5	14	19	19	26	252	33	45	334	707

section applies the lessons learned from other projects to recommend areas of Roseville where contracting with microtransit/TNCs may be feasible.

What is a TNC or Microtransit?

It is first important to define TNCs and microtransit and compare these methods of service delivery to existing/traditional public transit. Table 2 presents a comparison of the different characteristics of each type of service. As microtransit and TNC use is constantly evolving, Table 30 presents the general concept for these types of ridesharing services.

Fixed Route public transit services work best in dense urban environments, particularly if the service can be operated frequently. The primary distinguishing characteristic is that there is no flexibility as to where a passenger can board/disembark the bus. Given adequate ridership demand, fixed route services should be the most productive type of service in terms of passenger trips per vehicle per day (at least 250) or passenger-trips per vehicle hour (around 10 to 30). The disadvantage of fixed route services is that if a passenger's destination is not within a quarter mile of the fixed route, the service is not convenient. If demand is not adequate, moreover, this can be an ineffective service strategy.

Table 30: Parameters for Shared Transportation Modes

						TNC	
Fixed Route			Dial-A-Ride		Route Deviation	Microtransit	
Distinguishing Characteristics	Set stops	Generally 3/4 mile of fixed route or municipal boundaries	Fixed route can pick up/drop off passengers outside of published stops within certain limits	Technology enabled reservations and driver routing, defined service area, fixed stops that can be modified to meet demand	Technology enabled reservations and driver routing, complete demand/response, no fixed stops		
Dispatching Technology	Generally not required. Radio contact between driver and dispatcher	Transit agency has routing software such as Trapeze. Passengers do not have access.	Radio contact with dispatcher	Driver routing through application	Driver routing through application, no dispatcher		
Reservation Method	None Necessary	Telephone, usually at least 24 hours in advance, or standing order	Telephone, 1 hour in advance	Smart phone app, telephone	Smart phone app, telephone		
Service Area	urban, intercity, intracity	urban and rural communities	Rural, small city, intercity	Urban, suburban	Urban, suburban, very limited in rural areas		
Public or Private	public	public	public	private or public/private partnership	private		
Size of vehicle	15-40 pax	2-10 pax	10-25 pax	10-25 pax	0-6 pax		
Typical Passengers per Day per Vehicle	200-600	20-50	75	30	15		
Typical Passengers per Revenue Hour	10-30	2-4	8	2	1.5		
Average Fare	\$1.00 - \$3.00	\$2.00 - 5.00	\$2.00 - 5.00	\$1.50 - \$7.00	\$2.00 and up depends on distance travelled		

- **Dial-A-Ride (DAR)** or “paratransit” services evolved as a way to serve passengers who are unable to access a fixed-route bus service as they allow for “curb to curb” transportation within a defined service area. DAR services can be limited to older adults or persons with disabilities or are used as a way to broadly serve the general public in a rural or suburban area where fixed route would not be productive. DAR service typically carry only 2 to 4 passenger trips per vehicle hour or 20 to 50 per day (depending on service span). Passengers must call the transit agency (often at least 24 hours in advance) to schedule a ride, or have a standing subscription for service at specific times. Although curb to curb is very convenient, many passengers find that having to make advance reservations limiting.
- **Route Deviation** is a hybrid of fixed route and DAR that is typically used in rural or low-density suburban areas as a way to cost effectively provide fixed route service while meeting ADA complementary paratransit service requirements. Passengers requesting a deviation must call the transit agency in advance for pick up; however shorter notice may be required than for DAR services. In terms of productivity, route deviation is closer to a fixed route service and may carry around 8 passenger-trips per hour.
- **Microtransit** is a relatively new concept and therefore is bit more difficult to define. For this study, microtransit is defined as a privately operated ridehailing form of transportation which employs on-demand dynamic route transportation technology.

The US Department of Transportation defines microtransit as *“a privately owned and operated shared transportation system that can offer fixed routes and schedules, as well as flexible routes and on-demand scheduling. The vehicles generally include vans and buses.”*

It should also be noted that some existing microtransit program have used public agency vehicles and drivers.

The primary difference between microtransit and a route deviation service is that microtransit employs technology that has only recently been available. Microtransit includes the use of software and smartphone technology which: (1) allow the passenger to reserve a ride directly (without the use of a dispatcher), (2) provides the driver with pick-ups and drop off assignments in real time and (3) calculates the most efficient route between passenger pick-ups/drop offs. Microtransit service may also require a passenger to walk to a specific service location. General routes and schedules are followed, but these can be modified as passenger demands evolve. Microtransit services will typically use vans instead of larger buses but will cost more than a fixed route service. The hope is that technology will allow microtransit programs to carry more passengers than a DAR service for a smaller cost.

- **TNC’s** are widely used in urbanized areas and are a privately operated form of demand response transportation enabled through the use of technology for both reservations and driver routing. Drivers generally choose the hours and areas they serve, rather than being dispatched by the TNC. Passengers must have access to a smart phone or internet to make

reservations. Wait times for a TNC are typically less than 15 minutes. Vehicles are not wheelchair accessible, and drivers do not meet FTA drug and alcohol requirements and are not trained in accommodating persons with disabilities. The cost of a ride with a TNC increases with the distance travelled. Therefore, TNC's are most popular for short distance trips where they are more convenient than a city bus or DAR. In rural areas, there may not be adequate demand for service to make TNC driving profitable. As a result, TNC service is either not available in rural areas, or requires long wait times.

Public transit agencies are beginning to partner with TNCs in areas where demand for DAR service is low and expensive to operate. The challenge with using a TNC is that most are not ADA accessible. Therefore, most transit agencies only use TNCs for operating non-ADA paratransit service.

TNC/Microtransit Success Factors and Applications to Placer County

This section summarizes specific elements which make partnering with a TNC or operating a microtransit program feasible and how this might apply to public transit in Placer County. Table 31 presents a list of "success factors" for TNC use and identifies areas in Western Placer County which include these factors.

- **Can TNC drivers make a living?** – Part of the appeal of becoming an Uber or Lyft driver is that the driver dictates his/her own work schedule and therefore will only work when and where he/she feels that there is money to be made. An example of the available Uber vehicle map on a typical weekday afternoon shows that there is sufficient supply of drivers to make a TNC program work in the urbanized areas. Another factor is whether a trip to an outlying residential area will generate a long return trip with little potential for a return fare. In Roseville, this is more likely to happen for TNC service to lower density residential areas with relatively little associated commercial/employment centers, such as areas north of Pleasant Grove Boulevard or west of Foothills Boulevard.

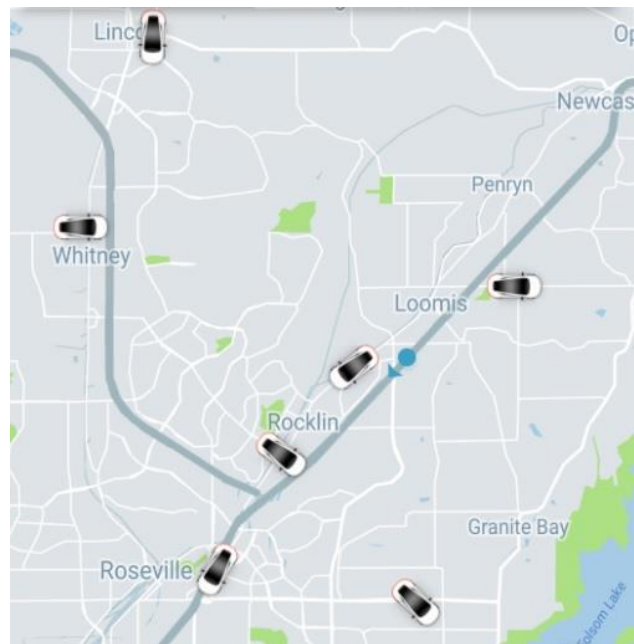


Table 31: TNC/Microtransit Success Factors

Success Factor	Roseville Conditions	Potential Markets in Roseville
Adequate rider demand to make serving the area profitable for TNC drivers	Yes	Relatively high potential east of Foothills Blvd, south of Pleasant Grove Blvd
Existing vehicles available for microtransit program	Potentially	Citywide
Is public paratransit service available to accommodate ADA Trips?	Yes	Citywide
Short distance trips	Yes	Relatively high potential east of Foothills Blvd, south of Pleasant Grove Blvd
Evening service	Not currently offered	Relatively high potential in downtown and in larger commercial centers
Strong ridership demand in peak commute times, generated by regional transit services	Proportion of existing commuter services not driving to their stop is currently low	Provide "first-mile/last-mile" connections to commuter transit service and Capital Corridor
Low proportion of special needs population	Yes, other than in retirement communities	All except retirement communities
Paid Parking	None	Not applicable

- **Can existing DAR vehicles be used for microtransit service?** – If Placer County transit operators were to take on a microtransit program, a significant cost savings would occur by using existing public transit vehicles.
- **Is ADA compliant service already available?** - The examples discussed in Appendix E show that providing ADA compliant service through a TNC or microtransit program is expensive, if not infeasible. The low number of rides requested for an ADA compliant service is not cost efficient. In many cases, it may not be possible to provide ADA service as most TNC drivers or taxi cab companies do not have wheelchair accessible vehicles. Therefore, a TNC program will be more successful in areas which are currently served by existing complimentary paratransit service. The Roseville DAR program provides this existing service throughout Roseville.
- **Short distance trips** – The Transportation Research Board (TRB) Shared Mobility Center identified price as one of the five key reasons to use a TNC. The research indicates that passengers find TNC use the most cost effective for trips three miles or less. Given this parameter, Roseville TNC programs would be the most successful within areas close to trip destinations, such as around downtown, the Galleria area, or along Douglas Boulevard.

- **Evening service** – Drinking/dining in the evening was also noted by the TRB as one of the main factors which increase TNC use. In particular, many passengers use TNC services in order to avoid the potential for DUI driving. As the last runs of Roseville Transit start around 9 PM on weekdays and 4 PM on Saturdays, TNC services to replace existing transit service would not address this potential “market”. However, later evening service could be a potential future market, if deemed desirable. Again the more urban and commercialized areas of Roseville and Rocklin would be the most successful.
- **Peak commute times** – Beyond weekend evenings, TRB research showed that demand for TNC use is the highest during rush hour commutes. Given the commute patterns of Roseville residents, a potential market would be for subsidized TNC service to provide “first-mile/last-mile” connections between regional transit services (Amtrak station, key commuter park-and-rides) and residences.
- **Large proportion of special needs population** – There is a segment of the population which may not technically be eligible for ADA paratransit service but may still need special assistance boarding a vehicle. These residents may feel intimidating by TNC’s and prefer the familiarity and personal attention of DAR. A TNC program may be less successful in areas of Roseville with high concentrations of elderly and disabled residents such as near the Sierra Pines Golf Course and Kaseburg-Kingswood neighborhood in Roseville and Del Webb senior development.
- **Parking** – A third key factor for increased TNC use as noted by TRB research is limited or expensive parking. As Roseville generally has ample free parking, this factor would not apply to the study area.

Overall, this review of factors indicate that TNC service could potentially be successful throughout Roseville. Relatively strong potential “markets” are:

- Service to lower density residential areas where fixed-route transit service has proven to generate low productivity levels, particular in areas (such as southeast Roseville) where trip lengths are relatively short.
- Service providing connecting trips to/from regional commuter services (Capital Corridor rail service or Sacramento Commuter bus services)
- Evening service, if expansion of the hours of public transit were to be desired.

Other Considerations

The underlying objective of providing public transit is to provide transportation that is accessible to everyone, particularly those who have no other option. As such, PCTPA and transit

operators should consider designing TNC/Microtransit services which are also accessible and usable by passengers without a smart phone.

TNC's may be more attractive to a segment of the population and are growing at a fast rate but there is a negative side. TNC's do not help to reduce traffic congestion. Some TNC trips are taking away from existing public transit or non-motorized trips or may even be a trip that would have not been taken all together. Additionally, there is the fact that the TNC must travel to the passenger pick up location. Therefore, in developing partnerships with TNCs, transit agencies and public entities could consider incentivizing shared ride forms of TNC transportation. One strategy used in other existing programs is to offer the subsidized discount only as part of the "Uber Pool" and/or "Lyft Line" service options, both of which provide at least the potential that an individual passenger could share their trip with other passengers.

LOCAL FIXED ROUTE ALTERNATIVES

Route C/G/F/E Alternatives

Routes C, G, F and E are all operated using a single bus that operates each route in turn (in that order) from the Sierra Gardens transfer point. Routes C and F comprise the clockwise and counterclockwise (respectively) operation of a loop in south Roseville (consisting generally of Douglas Avenue, Rocky Ridge Drive, South Cirby Way and Sunrise Avenue), while Routes E and G are similar clockwise and counterclockwise (respectively) operations of a longer loop consisting of I-80, Rocklin Road, Sierra College Boulevard, Eureka Road, and Douglas Boulevard. The overall productivity of these combined routes is relatively low at 2.9 passenger boardings per vehicle-hour, compared with a systemwide average of 5.9. As a result, the cost per passenger is 2.1 times the systemwide average, at an estimated value for Fiscal Year 2018/19 of \$21.10.

To gain an understanding of the effectiveness of the individual routes, a performance analysis was conducted using Roseville Transit data and survey data. As shown in Table 32, Routes E and G are relatively more productive than are Routes C and F, at 3.6 passengers per hour compared with 2.0. While the passengers per vehicle-mile are roughly equivalent, the cost and subsidy per passenger trip on Routes E and G are approximately 1/3 less than those of Routes C and F.

It is also useful to review the ridership served on various portions of these routes:

- On Routes C and F, most of the boardings/alightings are along Cirby near Piedmont and Nighthawk (Pepperwood Apartments) with a total of 8 passenger-trips per day, at Sierra Gardens (6), and at Sunrise/Cirby (5). Notably, no passenger activity was observed at the far end of the route (Country Village Mobile Home Park) or at Oakmont High School.

TABLE 32: Performance Analysis of Routes C, G, F and E

Route	Annual						Performance Analysis				
	Pass- engers	Vehicle- Hours of Service	Vehicle- Miles of Service	Marginal Operating Cost (1)	Fares Revenue	Operating Subsidy	Pax per Vehicle Hour	Pax per Vehicle Mile	Operating Cost per Trip	Subsidy per Trip	Farebox Ratio
C	1,460	730	8,820	\$40,400	\$3,000	\$37,400	2.0	0.17	\$27.67	\$25.62	7.4%
G	3,066	857	18,584	\$57,400	\$6,400	\$51,000	3.6	0.16	\$18.72	\$16.63	11.1%
F	1,460	730	9,450	\$41,100	\$3,000	\$38,100	2.0	0.15	\$28.15	\$26.10	7.3%
E	3,066	857	19,214	\$58,200	\$6,400	\$51,800	3.6	0.16	\$18.98	\$16.89	11.0%
Total	9,052	3,173	56,068	\$197,100	\$18,800	\$178,300	2.9	0.16	\$21.77	\$19.70	9.5%

Source: Roseville Transit figures for FY 2016/17 for four routes in total, allocated by observed ridership, scheduled service time and route length
Note 1: Estimated FY 18/19 costs.

- On Routes E and G, passenger activity was concentrated at Sierra College (14) and at Sierra Gardens (7). Other passenger trips were largely scattered along Douglas Boulevard and Eureka Road. Only 3 passenger-trips were served along Sierra College Boulevard between Sierra College and Douglas Boulevard.

There are several factors that appear to be limiting ridership on these combined routes:

- The every-two-hour service frequency makes the service inconvenient for many potential passenger trips. A general rule of thumb in urban transit planning is that service at more than hourly frequencies generates very low ridership. While the combination of routes does provide roughly hourly service to/from Sierra College and the southern Cirby Way residences, this is still a detriment to overall ridership.
- Much of Routes C/E are also served by other more frequent routes: Routes A/B along Sunrise and Route L along Douglas. Only areas along Cirby and Rocky Ridge are not served by other routes.
- Similarly, portions of Routes E and G are also served by the hourly Route L. While these routes do provide the only direct service between Sierra College and Sierra Gardens, the origin/destination analysis indicates that more of the overall transit demand for Sierra College travel to/from Roseville is concentrated on Galleria rather than Sierra Gardens.

Eliminate Routes C, G, F and E

A straightforward option would be to simply eliminate Routes C, G, F and E. The Fiscal Year 2018/19 marginal cost of this (and other) service alternatives can be estimated by using the negotiated rate identified in the service contract for that year and by inflating the other costs from 2016/17 values assuming a 3 percent annual rate of inflation. This yields the following 2017/18 marginal operating cost equation:

$$\begin{aligned}\text{Marginal Operating Cost} &= \$40.57 \times \text{vehicle-hours of service} \\ &+ \$1.22 \times \text{vehicle-miles of service}\end{aligned}$$

Applying this equation, the elimination of these routes would reduce operating costs by \$197,100 in FY 2018/19, as shown in Table 33. The number of buses in operation at peak would also be reduced by one.

The disadvantage of this would be the impact on ridership. In particular, passengers along portions of the routes not also served by other routes would have all fixed route service eliminated. On Routes C and F, this consists of Cirby Way east of Sunrise Avenue to the Country Village Mobile Home Park, as well as along Rocky Ridge Drive between Cirby Way and Douglas Boulevard (an estimated 8 one-way passenger-trips per day). On Routes E and G, Roseville Transit service would be eliminated to Sierra College as well as along Sierra College Boulevard from Rocklin Road to Douglas Boulevard (an estimated 15 passenger-trips per day)⁴. Other existing passengers along these routes (largely along Sunrise Avenue and Douglas Boulevard) would have lower frequency of Roseville Transit route service, via Routes A, B and L.

For these passengers, an “elasticity analysis” can be conducted. Elasticity analysis is a standard means of assessing the ridership impact of a change in existing service. Based upon the principals of microeconomics, it considered the proportionate change in ridership compared with the proportionate change in service or fare factor (in this case, the effective travel time), as observed in similar transit services that have observed ridership changes associated with changes in the service factor in the past. In this particular case, the factor to be evaluated is the reduction in the frequency of service. Adding the loss of passengers in areas losing all service to the loss due to the lower frequency in the other areas, the overall impact of this alternative would be a loss of 7,000 passenger-trips per year. Applying the average fare per passenger on the existing routes, this would result in a reduction in farebox revenue of \$14,500 per year, as shown in Table 31. Considering both the reduction in operating costs and the loss of revenue, the net impact would be a reduction in annual operating subsidy of \$182,600.

Provide Direct 2-Way Hourly Routes C and E on Cirby Way and I-80

The every-two-hour frequency on existing Routes C, G, F and E makes the schedule confusing to understand, results in long wait times at specific stops between buses, eliminates half of the potential transfer opportunities and also creates substantial overlap with other routes. An alternate route configuration would be to provide two routes that could together be operated on hourly headways, as shown in Figure 23:

⁴ Sierra College would still be served by hourly PCT service directly to/from the Galleria, which could serve some of the passengers currently using the Roseville Transit routes. For purposes of this analysis, the additional inconvenience of transferring between systems and lower service frequency is assumed to eliminate these passenger-trips.

TABLE 33: Roseville Transit Local Route Alternatives Service/Cost Analysis

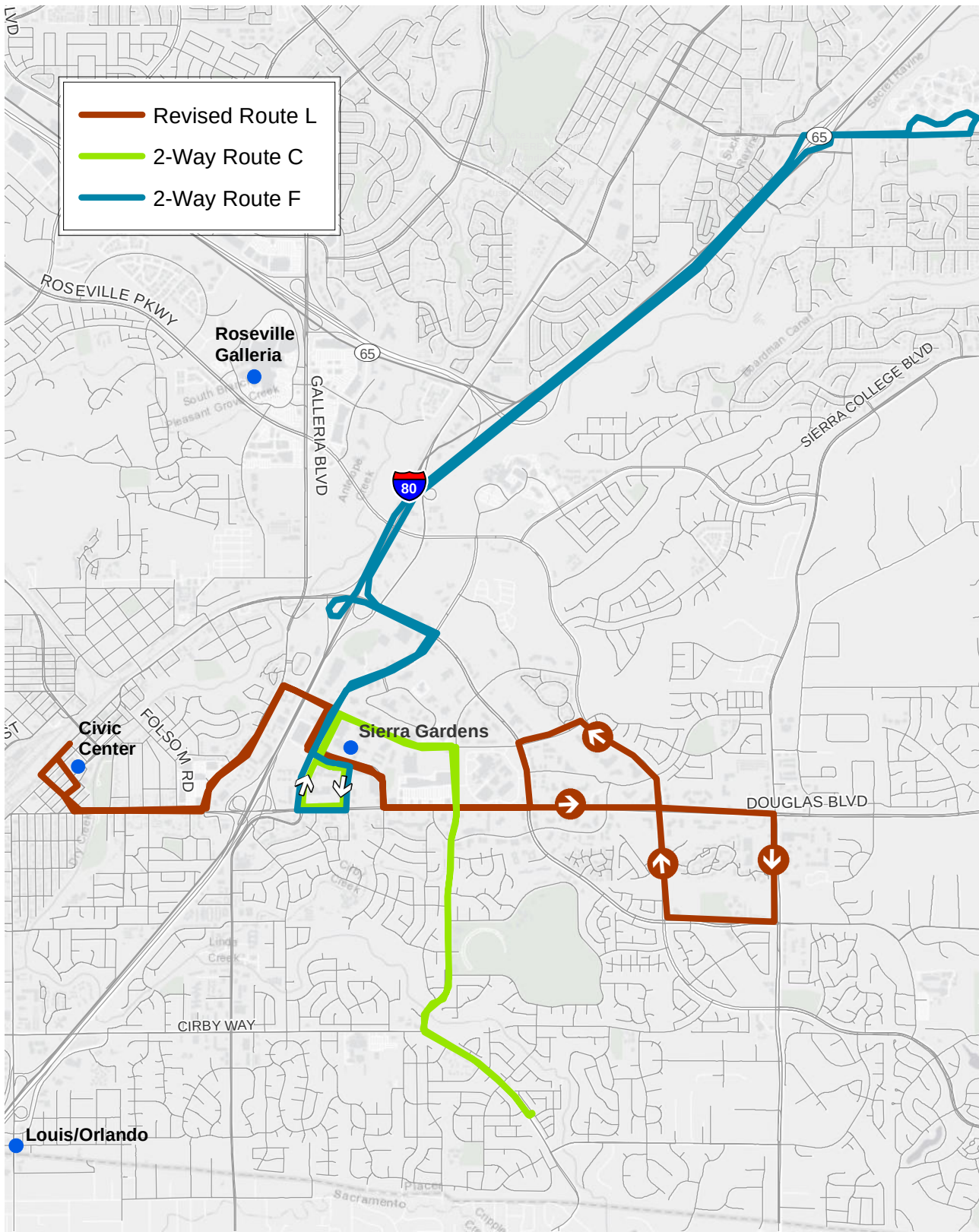
	Annual												Annual	
	Run Parameters			Weekday Service			Saturday Service(1)			Annual			Marginal	
	Hours	Miles	Runs	Days/Yr	Hours	Miles	Runs	Days/Yr	Hours	Miles	Hours	Miles	Cost	
Eliminate Routes C,G,E,F												-3,173	-56,068	-\$197,100
Streamline Routes C and E														
Route C	0.42	6.4	13	255	5,417	83	0	52	0	0	1,384	21,216	\$82,000	
Route E	0.58	11.1	12	255	7	133	0	52	0	0	1,789	33,966	\$114,000	
Total					12.42						3,173	55,182	\$196,000	
Net Change											0	-886	-\$1,100	
Combined Route L/Streamlined Route C, Eliminate F, G and E														
Existing Route L	1.00	9.9	12	255	12	119	9	52	9	89	3,528	34,927	\$185,700	
Combined Route L/Streamlined C	1.00	10.3	12	255	12	124	9	52	9	93	3,528	36,338	\$187,500	
Net Change											0	1,411	\$1,800	
Elimination of Existing Routes CGFE											-3,173	-56,068	-\$197,100	
Total Net Change in Fixed route											-3,173	-54,657	-\$195,300	
Extension of Roseville Route S to Public Defender's Office														
--	--	--	--	242	1	10	0	0	0	0	242	2,420	\$12,800	
Increased Weekday Service on Routes D, L and M														
Route D	1.00	15.4	10.0	255	10	154	0	52	0	0	2,550	39,270	\$151,400	
Route L	1.00	9.9	10.0	255	10	99	0	52	0	0	2,550	25,245	\$134,300	
Route M	1.00	17.0	11.0	255	11	187	0	52	0	0	2,805	47,685	\$172,000	
Total											7,905	112,200	\$457,700	
Add Reverse Route D on Weekdays	1.00	15.4	10.0	255	10	154	0	52	0	0	2,553	39,270	\$151,500	
Revised Route S -- 8 Runs per Day														
Existing Service	--	--	--	242	4.5	80	0	0	0	0	1,089	19,360	\$67,800	
Revised Service	1.00	10.3	8.0	255	8	82	0	52	0	0	2,040	21,012	\$108,400	
Net Change											951	1,652	\$40,600	
Revised Route S -- 11 Runs per Day														
Revised Service	1.00	10.3	11.0	255	11	113	0	52	0	0	2,805	28,892	\$149,000	
Net Change											1,854	27,240	\$108,400	
Hourly Route R Service	1.00	12.7	6.0	255	6	76	0	52	0	0	1,533	19,431	\$85,900	
Eliminate First Hour of Routes D, CGFE and M Weekday Service														
Route CGFE	2.00	35.6	-0.5	255	-1	-18	0	52	0	0	-255	-4,539	-\$15,900	
Route D	1.00	15.4	-1	255	-1	-15	0	52	0	0	-255	-3,927	-\$15,100	
Route M	1.00	17.0	-1	255	-1	-17	0	52	0	0	-255	-4,335	-\$15,600	
Total											-765	-12,801	-\$46,600	
Eliminate Weekday Service After 7 PM														
Route A	1.00	11.1	-3	255	-3	-33	0	52	0	0	-765	-8,492	-\$41,400	
Route B	1.00	11.3	-3	255	-3	-34	0	52	0	0	-765	-8,645	-\$41,600	
Route M	1.00	17.0	-3	255	-3	-51	0	52	0	0	-765	-13,005	-\$46,900	
Additional Dispatch													-\$19,100	
Total											-2,295	-30,141	-\$149,000	
Extend Saturday Service Until 6 PM														
Route A	1.00	11.1	0	255	0	0	1	52	1	11	52	577	\$2,800	
Route B	1.00	11.3	0	255	0	0	1	52	1	11	52	588	\$2,800	
Route D	1.00	15.4	0	255	0	0	1	52	1	15	52	801	\$3,100	
Route L	1.00	11.0	0	255	0	0	1	52	1	11	52	572	\$2,800	
Route M	1.00	17.0	0	255	0	0	1	52	1	17	52	884	\$3,200	
Additional Dispatch													\$1,300	
Total											260	3,422	\$16,000	
Sunday Service -- 9 Hour Span														
Route A	1.00	11.1	0	255	0	0	9.0	52	9.0	100	468	5,195	\$25,300	
Route B	1.00	11.3	0	255	0	0	8.7	52	8.7	98	453	5,122	\$24,600	
Route D	1.00	15.4	0	255	0	0	8.9	52	8.9	137	462	7,114	\$27,400	
Route L	1.00	11.0	0	255	0	0	8.6	52	8.6	95	448	4,929	\$24,200	
Route M	1.00	17.0	0	255	0	0	9.0	52	9.0	153	468	7,956	\$28,700	
Additional Dispatch													\$11,700	
Total											2,299	30,315	\$141,900	
Sunday Service -- 7 Hour Span														
Route A	1.00	11.1	0	255	0	0	7.0	52	7.0	78	364	4,040	\$19,700	
Route B	1.00	11.3	0	255	0	0	6.7	52	6.7	76	349	3,947	\$19,000	
Route D	1.00	15.4	0	255	0	0	6.9	52	6.9	106	358	5,512	\$21,200	
Route L	1.00	11.0	0	255	0	0	6.6	52	6.6	73	344	3,785	\$18,600	
Route M	1.00	17.0	0	255	0	0	7.0	52	7.0	119	364	6,188	\$22,300	
Additional Dispatch													\$9,100	
Total											1,779	23,472	\$109,900	

TABLE 34: Roseville Transit Local Route Service Alternatives Summary

Alternative	Change In Annual Service						Change in Peak Buses
	Service Hours	Service Miles	Marginal Operating Cost	Ridership	Fare Revenues	Operating Subsidy	
Eliminate C, G, F, E	-3,173	-56,068	-\$197,100	-7,000	-\$14,500	-\$182,600	-1
<i>Change From Existing CGFE</i>	-100%	-100%	-100%	-77%	-77%	-102%	-100%
Streamline Routes C and E	0	-886	-\$1,100	5,400	\$11,200	-\$12,300	0
<i>Change From Existing CGFE</i>	0%	-2%	-1%	60%	59%	-7%	0%
Combine Route L with Streamlined C, Provide TNC Service, Eliminate Routes E, F and G							
Net Change in Fixed Route	-3,173	-54,657	-\$195,300	-5,500	-\$11,400	-\$183,900	-1
TNC Service	--	--	\$75,600	8,400	\$16,800	\$58,800	--
Total	-3,173	-54,657	-\$119,700	2,900	\$5,400	-\$125,100	-1
<i>Change From Existing CGFE, L</i>	-48%	-59%	-31%	11%	9%	-39%	-50%
Increased D, L and M Frequency	7,905	112,200	\$457,700	21,100	\$44,100	\$413,600	3
<i>Change From Existing D, L, M</i>	67%	67%	53%	31%	31%	58%	100%
Add Reverse Route D	2,553	39,270	\$151,500	3,900	\$5,900	\$145,600	1
<i>Change From Existing D</i>	68%	67%	38%	20%	14%	41%	100%
Hourly Route R Service	1,533	19,431	\$85,900	4,000	\$8,300	\$77,600	0
<i>Change From Existing R</i>	206%	116%	170%	39%	39%	266%	0%
Revise Route S -- 8 Runs/Day	951	1,652	\$40,600	2,700	\$5,600	\$35,000	0
<i>Change From Existing S</i>	46%	6%	35%	61%	60%	33%	0%
Revise Route S -- 11 Runs/Day	1,854	27,240	\$108,400	5,200	\$10,800	\$97,600	0
<i>Change From Existing S</i>	90%	101%	93%	117%	116%	91%	0%
Extend Route S to Public Defender's Office	242	2,420	\$12,800	2,400	\$5,000	\$7,800	0
<i>Change From Existing S</i>	12%	9%	11%	54%	54%	7%	0%
Eliminate First Hour of Routes D, C, G and M Weekday Service	-765	-12,801	-\$46,600	-1,900	-\$3,900	-\$42,700	0
<i>Change From Existing CGFE, D, M</i>	-7%	-7%	-5%	-3%	-3%	-6%	0%
Eliminate Weekday Service After 7 PM	-2,295	-30,141	-\$149,000	-6,800	-\$14,100	-\$134,900	0
<i>Change From Existing All Routes</i>	-7%	-92%	-455%	-21%	-43%	-412%	0%
Extend Saturday Service Until 6 PM -- All Routes	260	3,422	\$16,000	2,200	\$4,600	\$11,400	0
<i>Change From Existing All Routes</i>	0.8%	0.7%	0.6%	1.1%	1.1%	0.5%	0.0%
Extend Saturday Service Until 6 PM -- Routes A & B Only	104	1,165	\$6,900	1,300	\$2,600	\$4,300	0
<i>Change From Existing All Routes</i>	0.3%	0.2%	0.2%	0.7%	0.6%	0.2%	0.0%
Sunday Service - 8 AM to 5 PM	2,299	30,315	\$141,900	7,800	\$16,200	\$125,700	0
<i>Change From Existing All Routes</i>	7%	6%	5%	4%	4%	5%	0%
Sunday Service 8 AM to 3 PM	1,779	23,472	\$109,900	3,800	\$7,900	\$102,000	0
<i>Change From Existing All Routes</i>	5%	5%	4%	2%	2%	4%	0%



Figure 23
Streamlined C and F Alternative



- Route C would depart Sierra Gardens Transfer Point, and make a loop clockwise on Douglas Boulevard westbound and N. Sunrise Avenue northbound before servicing Lead Hill Boulevard eastbound. (This would allow Route L to serve Sierra Gardens Transfer

Point in the eastbound direction, rather than traveling along Lead Hill Road, thereby increasing the transfer opportunities between Route L and Routes A, B, C and E.) Route C would then head southbound on Rocky Ridge and eastbound on Cirby Way to the current terminus at Rimma Drive. The return route would follow the outbound route, except the bus would turn left on Sierra Gardens Drive from southbound N. Sunrise Avenue to return to the Transfer Center.

- The other route (identified as Route E for purposes of this discussion) would depart the Sierra Gardens Transfer Point, make a clockwise loop on Douglas Boulevard East and North Sunrise Avenue, and then use Eureka Road, I-80 and Rocklin Road to arrive at Sierra College. Turning around via Campus Drive, the route would follow the outbound route back to Sierra Gardens Transfer Point, making the southbound left onto Sierra Gardens Drive.

In total, these routes would be 17.5 miles in length and require approximately 50 minutes to operate. This alternative would result in a slight reduction in vehicle mileage, resulting in a small (\$1,100 per year) reduction in operating costs.

There would be several factors impacting ridership, both positively and negatively:

- The ability to transfer to/from the eastbound Route L at Sierra Gardens Transfer Center would generate an estimated 2,300 annual passenger trips.
- The provision of two-way service on Lead Hill Boulevard (rather than the existing one-way eastbound only) would generate 2,000 passenger trips.
- More convenient hourly service in both directions for the stops along Rocky Ridge Drive and South Cirby Way would increase ridership by 1,600 passenger trips.
- Consistent hourly schedule of service at Sierra College would increase annual ridership by 900 passenger-trips
- The loss of service along Cirby Way between Sunrise and Rocky Ridge would reduce ridership. While the onboard surveys recorded no existing ridership, a loss of 200 is assumed along this stretch to be conservative.
- Loss of service along Sierra College Boulevard between Douglas Boulevard and Sierra College would reduce ridership by an estimated 600 passenger trips.

- The reduction in service frequency for passengers at other stops with a reduction (but not elimination) of fixed route service would reduce ridership by 600 passenger-trips.

In total, ridership is estimated to increase by 5,400 passenger-trips per year. This in turn would increase farebox revenue by roughly \$11,200. Overall, a reduction in annual operating subsidy of \$12,300 would result.

There were six other route alternatives considered for this service element:

- Two way service between Sierra Gardens and Sierra College could be operated along Douglas Boulevard and Sierra College Boulevard, along with the service via Cirby Way to the south. However, this would require approximately 65 minutes to operate, and would not allow good timed connections to other routes.
- A route connecting Louis/Orlando, Sierra Gardens and Sierra College was considered, via Orlando Avenue, Cirby Way Rocky Ridge Drive, Douglas Boulevard, N. Sunrise Avenue, E. Roseville Parkway, I-80 and Rocklin Road. However, this would require approximately 70 minutes per round trip (eliminating timed connections), would partially duplicate existing Route A and B service, and would provide a service (one-bus connections between Sierra College and Louis/Orlando) that is already provided at a shorter travel time by the PCT Auburn—Light Rail Route.
- Adding the segment on Rocky Ridge and South Cirby to Route L was considered, but found to take more than an hour to complete. This would also disrupt existing east-west trips across Roseville on Route L.
- Providing consistent hourly service on both Routes E and G was considered. As each route requires 37 minutes to operate, two buses would be required. This would increase costs on the order of \$178,000 per year and would result in an inefficient overall utilization of buses. Ridership would only increase by approximately 2,500 passenger-trips per year. Due to these factors, this option is not considered further.
- Service could be provided from Sierra College in Rocklin to the Civic Center transit plaza, adjacent to the Sierra College Roseville Center nearby on Vernon Street. While this would provide a convenient means of transferring between classes on the two campuses, experience at other similar “commuter” college campuses indicate that the actual transit demand for travel between campuses is quite low, given the need to coordinate fixed class schedules with limited transit services and the availability of a relatively low-cost semester parking pass (\$53 per semester). This route option would also eliminate the ability to share a vehicle with Routes C and F.
- Service between Sierra College (Rocklin) and Sierra Gardens could be provided via Taylor Road rather than via I-80. Depending on the time of day, travel via Taylor Road can take

approximately 8 to 10 minutes more than I-80, due to traffic signals and congestion. A round-trip would therefore need to be scheduled to include an additional 20 minutes. To provide hourly service with one vehicle, this would in turn require dropping the Route C service. Service along Taylor Road would generate additional ridership, but given that the portion north of SR 65 is in Rocklin, much of the additional ridership would be generated in Rocklin. It would also parallel existing PCT Lincoln-Sierra College between Sierra College and Sunset Parkway, reducing ridership on this existing service.

Replace the Eastern Portion of Route L with TNC Service, Provide Streamlined Route C Service and Eliminate Sierra College Service

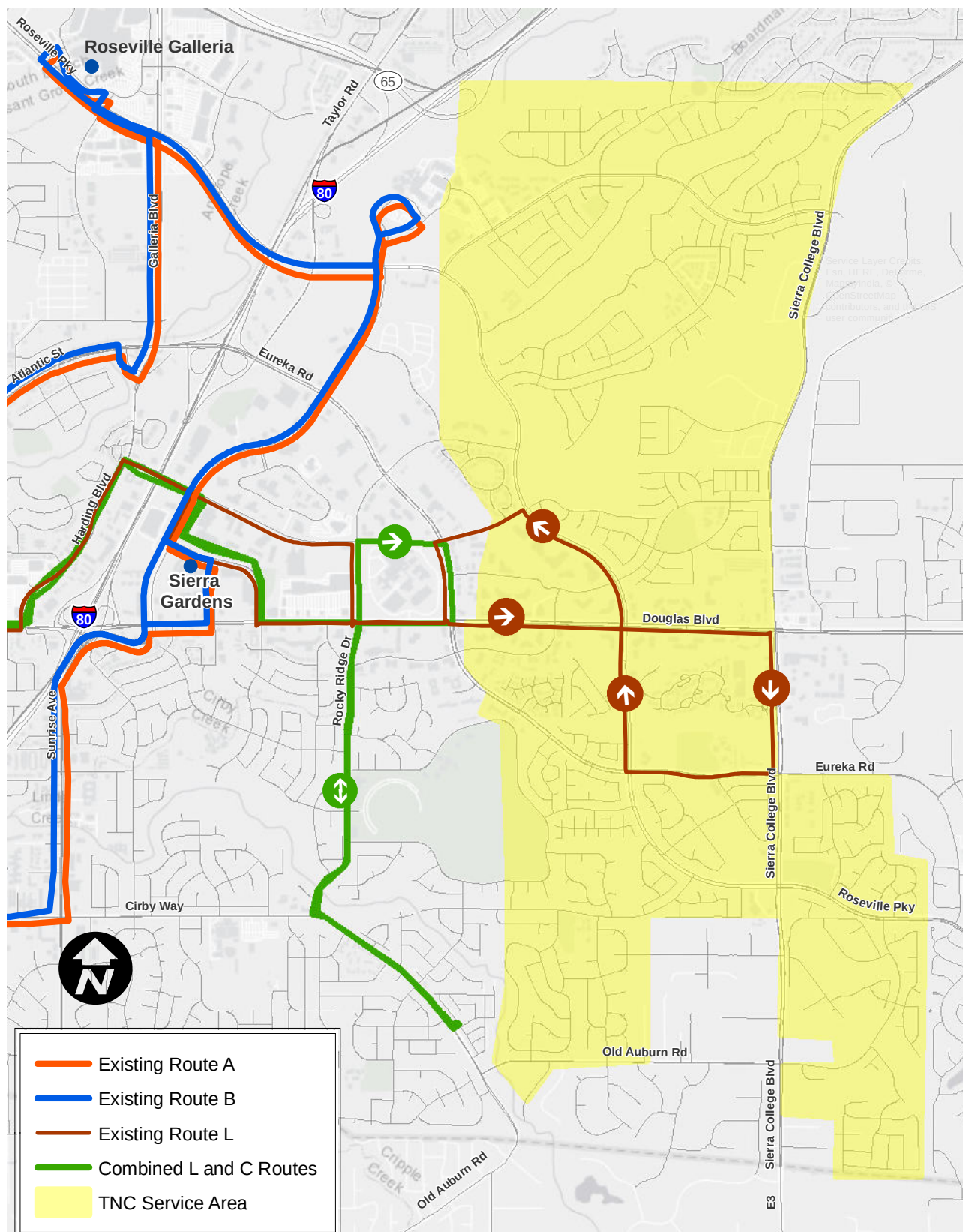
While performing better than Routes C/G/F/E, Route L has a relatively low utilization (5.3 passengers per vehicle-hour) and a relatively high subsidy per trip (\$16.91, in 2016/17). A review of the ridership activity by stop shows that approximately 80 percent of the ridership is generated in the western portion of the route (west of Eureka Boulevard) and only 20 percent in the eastern portion (which encompasses 35 percent of the route mileage).

Given this, one option would be to truncate Route L at Eureka Boulevard and use the resulting time within an hourly headway to operate the streamlined Route C, as discussed above. Along with the elimination of Roseville Transit service to Sierra College, this could reduce the number of buses in operation by one, and reduce fixed route operating costs by \$195,300 per year. This revised fixed route is shown in Figure 24.

To replace and augment this reduction in fixed route service, subsidy could be provided for residents using a Transportation Network Company (TNC), such as Lyft or Uber. To manage the program and control costs, restrictions would need to be defined for the program, such as the following:

- At least one trip-end would need to be within the program zone. Figure 24 presents an example zone defined as all of incorporated Roseville east of the Eureka Boulevard/Douglas Boulevard intersection (extending to the north and south). Note that this area includes substantial areas not currently served, but excludes areas that would continue to be served with fixed routes.
- Any trips outside of the TNC area could be limited to specific locations, such to Sierra Gardens Transfer Point and the Galleria Transfer Point (for connections to other transit services). It may also be appropriate to add other key nearby destinations, such as Sierra College, Sutter Roseville Medical Center, and/or Kaiser Permanente Roseville Medical Center. Other commercial destinations along Douglas Boulevard between I-80 and Eureka Boulevard may also be appropriate.

Figure 24
Replace Eastern Route L With TNC Service



- Passengers wishing to use the subsidy program must provide the discount code. Distribution of this discount code could provide a check on total program costs.

A typical average Uber fare for trips following these guidelines is \$9.00. Subtracting the average existing transit fare, the subsidy per passenger-trip would be on the order of \$7.00. Actual ridership would vary greatly depending on the specific constraints placed on the program. If the program were to serve the existing ridership on Route L that would be eliminated (3,800 per year) plus existing Route E and G ridership on the areas to be eliminated (4,600 per year), the total existing passenger-trips that could shift to the TNC program would equal 8,400 per year. At a subsidy of \$7.00 per trip, this program would require a subsidy on the order of \$58,800 per year. While other administrative costs could be incurred regarding the formation and monitoring of this program, the net impact on operating subsidy requirements would be a savings on the order of \$125,100. This could also be considered a pilot program for future expansion of TNC subsidy programs to other low-demand portions of Roseville, such as northwest Roseville. This program could also be combined with a TNC service for the Granite Bay area, as identified in the Placer County Transit SRTP. This plan element would replace the current Granite Bay Dial-A-Ride with a subsidized TNC service for Granite Bay residents (with destinations extending into Roseville).

One issue with this alternative (or any other alternative providing TNC service for a specific area or population) is the equity issue of providing a service for one segment of Roseville residents without providing it to all. In the short run, this limited TNC program could be considered a “demonstration program”, identified due to the low existing transit ridership (which providing funding for TNC service through the elimination of current fixed route service) combined with the density of development and potential TNC market in the area. In the long run assuming the success of the demonstration service, the City would need to define policies identifying what areas or travel corridors warrant inclusion in a TNC program.

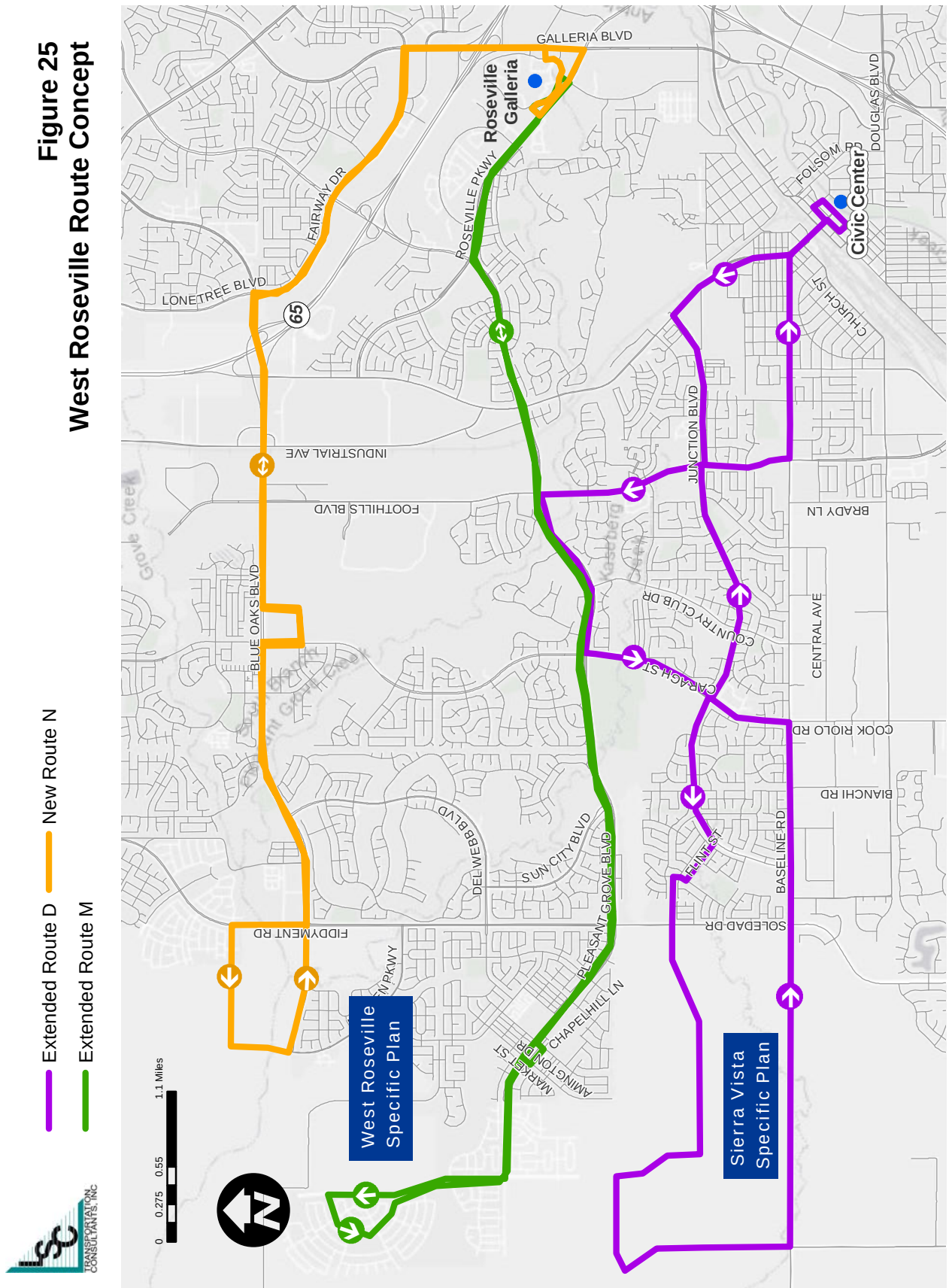
Route Revisions in Northwest Roseville to Serve New Development

Significant development is currently underway in northwest Roseville and this is expected to continue over the SRTP planning period. At some point (dependent on specific development schedules), the existing routes (notably Routes D and M) will need to be modified to serve new development in the Sierra Vista Specific Plan Area and the West Roseville Specific Plan Area. In addition, there is development occurring in the HP Campus area that increases the need for transit service along the Blue Oaks Boulevard corridor.

Figure 25 presents a conceptual route plan that could serve expected development over the mid-term in this area:

- Route D would be extended westward to serve the Sierra Vista Specific Plan area. The route shown is designed in particular to serve commercial areas (largely along Baseline Road) and the higher density residential areas. To provide adequate running time

Figure 25
West Roseville Route Concept



within an hourly schedule, the current out-and-back route element north of Pleasant Grove Boulevard would be eliminated. This segment between Pleasant Grove Boulevard and Blue Oaks Boulevard currently only generates 7 passenger trips per day, and would not be cost-effective to serve if service is also provided along both of these east-west corridor. This revision also has the benefit of reducing the travel time between the existing western portions of Route D and the Civic Center.

- Route M would be extended westward along Pleasant Grove Boulevard and north on Durango Way, to serve additional residential development areas. To provide the additional running time, the route between the Galleria and Pleasant Grove Boulevard would be shifted from Fairway Drive to Roseville Parkway, with the Fairway Drive area served by the following route.
- A new route (such as Route N) would depart the Galleria following the existing Route M route via Galleria Boulevard and Fairway Drive, extending along Fairway Drive and westward along Blue Oaks Boulevard. The route would leave Blue Oaks Boulevard to better serve residential development in the HP Campus area, and would have a terminal loop in the northern portion of the West Roseville specific Plan area (focusing on streets serving high density residential areas).
- As discussed above, the frequency of service on Route R could also be increased, providing additional north-south travel options in the area.

Depending on the specific span of service on the new routes, this revision would increase annual operating costs on the order of \$600,000 per year. Ridership would depend upon the level of development, as well as the span of service.

Increase Weekday Service Frequency on Routes D, L and M to Half-Hourly

At present, only Routes A and B provide service every half-hour. With the exception of the Route CGFE service discussed above, the other routes provide service only hourly. A common request is for increased frequency of service on these hourly routes. In addition to substantially improving the quality of service, this would improve transfer connections, notably at the Galleria at the top of the hour and at Civic Center Transfer Center at roughly 50 minutes past the hour.

Providing half-hourly service over the bulk of the service day (excluding early morning and late afternoon periods with low ridership) would cost \$457,700 per year, and require three additional buses in operation. Ridership, based on an elasticity analysis and the improved connections, would increase by an estimated 21,100 per year. Including the additional fare revenues, the overall operating subsidy requirements would be increased by \$413,000 annually.

Add Reverse Route D Service

Route D consists of a large one-way loop (that overlaps in two places) along with a northerly two-way service segment along Woodcreek Oaks Boulevard. This route structure ensures that passengers (other than those within walking distance of the two locations along Junction Boulevard where the loop overlaps) will have a long in-vehicle travel time in one direction or the other, totaling an hour on the bus to complete a round trip. This is one factor that results in relatively poor productivity of this route.

One means of solving this would be to operate an additional bus in the opposite direction (along the lines of the previously-operated Route I). If this is operated on weekdays only and on a limited span of service from 8:10 AM to 6:10 PM, it would increase annual operating costs by \$151,500 per year. An elasticity analysis based on the reduction in in-vehicle travel time indicates that this would result in a ridership increase of 3,900 per year. Factoring for the additional fare revenues, operating subsidy would be increased by \$145,600 per year. An additional peak bus would also be required.

Revise Route S – 8 Runs per Day

Route S provides service connecting the Galleria with the Santucci Justice Center eight times per day. The current route proceeds northbound via Roseville Parkway, Pleasant Grove Boulevard and Industrial Avenue (very few riders are served between the two end points), and returns via SR 65. Full round trips are operated on four of the service times, while the other four only provide service in one or the other direction. To avoid providing service when the Justice Center is not in operation, this route is not operated on more holidays (13) than the remainder of the system (6).

This route is the least efficient of the Roseville Transit fixed routes, serving an average of only 2.2 passengers per vehicle-hour of service and requiring over \$45 in subsidy per passenger-trip. In addition, the growth in traffic congestion on SR 65 has made it increasingly difficult to operate on a consistent schedule. One option that could help address both of these issues would be to revise the route to travel north from the Galleria on Stanford Ranch Road, then northwest on Fairway Drive, west on Blue Oaks Boulevard and north on Industrial Avenue, returning on the same route. This could provide new service to commercial destinations along Fairway Drive north of Pleasant Grove Boulevard (including Target and Kohl's) not currently served. It would also double frequency between the Galleria and the commercial destinations along Fairway Drive south of Pleasant Grove Boulevard, specifically timed to provide direction transfers with Routes A and B at the top of the hour. While this revised route is slightly shorter, it would take an estimated 10 minutes more per run to operate. To provide a more consistent service along Fairway Drive, full round-trips would be operated on each run, and the number of holidays would be reduced to match the remainder of the fixed routes. The net impact of this option would be to increase operating costs by \$40,600.

Ridership associated with the new service north of Pleasant Grove Boulevard can be estimated by considering the transit trip generation of the existing service along Fairway Drive south of Pleasant Grove Boulevard, factored to reflect the difference in service quality. In addition, the increased frequency south of Pleasant Grove Boulevard would increase ridership. The overall increase in ridership generated by this option is estimated to be 2,700 annual passenger-trips. Subtracting the increase in passenger fares, the overall impact on operating subsidy would be \$35,000.

Revise Route S – 11 Runs per Day

An additional alternative would be identical to that discussed above, except that consistent hourly service would be provided 11 hours per day (from 7:00 AM to 6:00 PM). This would increase annual operating costs by \$108,400, but increase ridership by 5,200 passenger-trips per year. Total impact on operating subsidy, adjusted for the increased fares, would be \$97,600 per year.

Route S Extension to Public Defender's Office

As also discussed in the parallel Placer County Transit document, there is a need for service between the Santucci Justice Center (in Roseville) and the Public Defender's Office 0.7 miles to the north (in unincorporated Placer County). This service could potentially be provided by extending Roseville Transit Route S service north of the Justice Center to the Public Defender's Office. The vehicle could turn around at the end of Technology Drive to return to Industrial Boulevard. Reflecting the intermittent need for this service, it would best be offered on an on-call basis, requiring a call to the dispatch office at least 15 minutes prior to the scheduled time. This would add approximately 1 hour of in-service time per day and an additional 10 vehicle-miles per day. Assuming all these hours and miles are "charged" to Placer County by the City, the total cost over 242 annual days of service would be \$12,800. A rough estimate of the additional ridership generated by this extension would be 2,000 passenger-trips per year. Subtracting the additional fare revenue, the subsidy would be approximately \$9,800 per year.

Another option to provide the connection to the Public Defender's Office that would not impact Route S would be for Placer County to subsidize the provision of a discount for TNC trips between the Office and the Santucci Justice Center. To serve the same ridership level at PCT fare levels, the subsidy would be approximately \$9,500 per year.

Hourly Route R Service

Route R provides four runs per weekday along the Foothills Boulevard corridor between Louis/Orlando Transit Center on the south and the industrial park that includes PRIDE Industries (just north of Blue Oaks Boulevard) on the north. This is the most productive of the existing Roseville Transit routes, carrying 13.8 passenger-trips per vehicle-hour. Of the total ridership, 36 percent is generated by PRIDE Industries and (to a lesser extent) the adjacent Pasco Scientific plant.

Given this existing high productivity and the fact that additional service could increase transfer opportunities with Routes D and M, it is worth considering providing an additional six round-trips per weekday to provide roughly hourly service⁵. This service enhancement would increase annual operating costs by \$85,900 per year. Ridership impacts were evaluated by considering an elasticity analysis of the non-employee ridership, and found to be 4,000 additional passenger-trips per year. Subtracting the associated fare revenues, the impact on annual subsidy would be \$77,600.

Reduce Early Morning Weekday Service

The initial runs on Routes C, D, G and M have relatively low ridership (only one or two riders were observed in the onboard surveys). Eliminating these initial runs (starting service between 6:57 AM and 7:30 AM) would save \$46,600 in annual operating costs, while reducing ridership by an estimated 1,900 passenger-trips per year. The reduction in operating subsidy would be \$42,700 per year.

Reduce Evening Service

Weekday evening service consists of one bus each on Routes A, B, and M, providing hourly service. Ridership after 7:00 PM is relatively low, with an estimated average of 16 passenger-trips per day. Eliminating these runs would reduce operating costs by an estimated \$149,000 per year (assuming no parallel reduction in DAR service). Overall ridership is estimated to be reduced by 6,800 passenger-trips per year, including some trips during the remaining service span that would not be made as passengers could not complete a round-trip. Including the loss of \$14,100 in fares, the overall impact on operating subsidy would be a reduction of \$134,900 per year.

One impact of this reduction would be the elimination of the 7:30 PM connection at the Galleria for passengers arriving on the last PCT Auburn-Light Rail trip from Sierra College. One option would be to retain the 7:00 PM on Routes A and/or B to provide this connection, if additional survey data warrants it.

Later Saturday Service

The current Saturday service (Routes A, B, D, L and M only) ends around 5:00 PM. Providing one additional hour on all or some of the routes would address a common passenger request and provide more opportunity for employment, shopping and recreational trips on Saturdays. The following two options were considered:

- Adding one additional hour on all five routes currently operating on Saturday would increase annual costs by \$16,000. Considering the relative ridership in this hour on other transit systems running a longer span of service, this would increase ridership by

⁵ Service times would shift during the day to best serve the employee work shifts.

2,200 per year and fare revenue by \$4,600 per year, resulting in an operating subsidy increase of \$11,400 annually.

- In reviewing the existing ridership on Saturdays by route, ridership on Routes A and B is roughly double that of the other three routes. Extending the service span for these two routes only would increase costs by \$6,900 while still increasing ridership by 1,300 per year, resulting in an operating subsidy of \$4,300 per year.

Sunday Service

The desire for Sunday service is often raised in the annual transit unmet needs hearing process. This idea, however, generated little positive response in the onboard passenger surveys. To assess this, two different spans of service were evaluated:

- If Sunday service were provided between roughly 8 AM and 5 PM (matching the existing Saturday span of service), the annual operating cost impact (including additional dispatch cost) would be \$141,900. Based on the relative proportion of ridership generated on other similar systems currently operating service, annual ridership is estimated to be 7,800 per year. Including fare revenue, the annual operating subsidy required would be \$125,700.
- If Sunday service were to end around 3 PM, annual operating costs would drop to \$109,900. Ridership by hour at other transit systems, however, indicate a relatively high proportion of Sunday ridership in these late afternoon hours that would be eliminated. As a result, ridership would drop to 3,800 per year and subsidy requirements would still be \$102,000 annually.

Timed Transfers Between Local Routes

Existing schedules were reviewed (in light of current ridership patterns) at the key transfer points, which yielded the following conclusions:

- At the Galleria, existing schedules are well-coordinated between Roseville Transit routes, as well as with PCT routes.
- At the Civic Center Transfer Station, Routes A and B are on-site at 10 and 40 after the hour, while Route D arrives at 13 after and departs at 20 after and Route L arrives at 15 after and departs at 25 after. As a result, passengers arriving on Routes D and L have a long wait to transfer to Routes A and B (a common pattern), though a relatively short wait for transfers in the opposite direction (from A or B to D or L). While drivers currently strive to hold runs in order to make connections work, overall transfers could be substantially improved if Route D schedules were moved 3 minute early and Route L schedules were moved 5 minutes earlier. This would provide a schedule by which all four routes were at this location at 10 minutes after the hour (fully using the available

four-bus bay capacity). This shift would not change transfer opportunities at Sierra Gardens on Route L. On Route D, the transfer opportunity with Route M at Pleasant Grove/Foothills would require a 7 minute wait rather than the existing 4 minute wait when transferring from D to M, but a corresponding 3 minute reduction in wait time in the opposite direction. Overall, this shift in schedules would be beneficial to ridership, so long as it does not cause a problem with school bell times.

- At the Sierra Gardens Transfers Center, schedules are well coordinated between Route A, the Route CGFE bus and Route L. While Route B serves this location 5 minutes after the other buses depart, there is no way to shift the Route B schedule at this location without negatively impacting transfer opportunities at other, more critical, transfer points.
- At the Louis/Orlando Transit Center, Route A is well-coordinated with RT Route 93, while Route B is well-coordinated with RT Route 21.

Overall, the shift to slightly earlier schedules on Routes D and L should be considered further, in order to improve timed connections at Civic Center Transfer Station.

Modifications to Address On-Time Performance Issues

Several options were considered to address current on-time performance challenges:

- **Route A** operates 6 or minutes behind schedule on 9 percent of observed runs, while **Route B** is behind schedule on 5 percent of observed runs. Most of the longer delays occur in the mid-afternoon period. These routes generally run on the most direct routes available. One options to reduce the route length would be to use Orlando Avenue between Cirby Way and the Louis Orlando Transit Center rather than Riverside Avenue. This would reduce the route lengths by a quarter mile and avoid three signals, thereby resulting in several minutes of running time savings. This would eliminate service to the stops (in each direction) on Cirby east of Riverside. At present, 3 passengers board/alight at this Route A (westbound) stop and 10 at the Route B (eastbound) stop. Given that ridership is low on Route A while the Route A on-time performance is worse, it would be a net benefit to overall ridership if Route A were rerouted via Orlando Avenue while Route B were to remain on the current alignment. This rerouting of Route A would provide new service to the Merryhill School and the Somerset Hills Apartments. This option is a net benefit as it would make a noticeable improvement in overall on-time reliability.
- **Routes C, G, F and E** have the worst overall on-time performance, with fully 51 percent of runs operating late (up to 25 minutes late). Most delays occur in the afternoon when traffic congestion creates delays. One modification (beyond those discussed above) would be to discontinue service along Eureka Road south of Douglas Boulevard, operating along Douglas Boulevard west of Sierra College Boulevard. This would result

in a slight improvement (at the cost of 4 passengers per day loss in ridership), but would not address the bulk of the problem.

- **Route M** operates late on 12 percent of the runs, largely in the mid-afternoon. As this route is relatively direct and as the western terminus generates substantial ridership, the only option to reduce running time would be to use Roseville Parkway between the Galleria and Pleasant Grove Boulevard, rather than Fairway Drive. This, however, would eliminate approximately 30 percent of Route M ridership, and would clearly be an overall detriment.
- The final route identified as having late runs in the data collected as part of this SRTP (**Route R**) was the result of a late start on an initial run, and thus can be addressed through operations. As it was not a function of the route or schedule, it is not a subject for an SRTP.

Service to Roseville Amtrak Station

Capitol Corridor rail service to the Roseville Amtrak Station is currently limited to a 7:03 AM westbound departure and 5:48 PM eastbound departure on weekdays, and an 8:43 AM westbound and 8:48 PM eastbound departures on weekends. However, the Capitol Corridor Joint Powers Authority is planning on increasing service to three round-trips per weekday in 2021. In addition, service is tentatively planned for up to 10 round-trips starting in 2025 (depending on funding).

The nearest existing Roseville Transit stop is at Main Street/Washington Boulevard, approximately a 900 foot walk away from the train station. However, this stop is only served hourly in the northbound direction, requiring almost a full hour to connect with other transit routes at the Civic Center Transfer Station. This Transfer Station is approximately 1,000 feet walk distance from the train station (only 100 feet more), which is less than a five minute walk (though not a particularly pleasant walk along a sidewalk through a long underpass).

Given the success of the *Capital Corridor* service and the plans for expansion, it is clear that public transit connections to the Roseville Train Station will be needed within this SRTP planning period. There are three ways in which this could be provided:

- Existing Route D could be modified to service a stop at the station. To be effective, this would need to occur in both directions. This would add approximately 0.6 miles per round-trip and approximately 3 minutes of running time. Given the limited number train trips in the short term, most runs would not serve any passengers. Service would only be available once an hour in each direction. While the existing rail times are within the Route D span of service, the fact that the rail times are near the beginning and end of the overall system span of service means that little connecting service would be available (particularly in the morning) to provide trips beyond downtown Roseville. As Roseville is near the eastern end of the rail service, many of the new service times can

be expected to occur prior to or after the span of Roseville Transit service. Overall, this would be an inefficient strategy.

- Route D service could be provided on an on-call basis, with rail passengers required to contact the Roseville Transit dispatcher at least 15 minutes prior to specific scheduled times for service. This would avoid the provision of inefficient service to the Train Station (at least one passenger would be served each time), but would still have the other disadvantages of the previous alternative.
- A TNC subsidy program could be established to provide subsidized TNC trips between the train station and the nearby key transit centers at Civic Center and the Galleria. Passengers would be provided with a discount code that is valid to/from either of the transit centers. The subsidy level could be set to result in a cost to the passenger equivalent to the Roseville Transit fare. The substantial advantage of this approach is that passenger wait times would be dramatically reduced. In addition, it would be available to serve all train times, and would avoid operational impacts on Route D. TNC service would also be more convenient for passengers accompanied by baggage.

On balance, pursuing a TNC subsidy strategy to serve the train station appears to be the best strategy. This is similar to the TNC subsidy program provided by the Solano Transportation Authority for service to/from the Vacaville/Fairfield *Capital Corridor* station. Whether this service is a responsibility of the City of Roseville or the Capital Corridor JPA would be a matter for future discussion. If the latter, it is worth noting that a similar first-mile/last-mile program could also be appropriate for the other stations in western Placer County.

Service to Watt/I-80

Another potential new route option would be provision of a new route connecting the existing local route network with the RT Blue Line LRT service at Watt/I-80. One bus could operate hourly service between Watt/I-80 and Civic Center via Louis/Orlando. This would incur annual operating costs on the order of \$118,000 per year and would require at least one additional bus. It would not provide better access to significantly more employers than does the existing downtown commuter service (with connections to Light Rail or other RT services). In addition, there already is a publicly-funded hourly service connecting the Light Rail station with the Roseville (PCT Auburn – Light Rail Route). As ridership potential is low, this option is not considered further.

Serve New Roseville Stops as Development Warrants

At present, no other additional park-and-ride locations in Roseville are recommended for service. Doing so would further complicate the already-complicated route structure, and would not significantly improve total commute times. In the future as areas grow, however, new park-and-ride lots will warrant service. The provision of new park-and-ride locations/transit

stops depends on a variety of factors specific to the geography of the community and the neighborhoods. General considerations are as follows:

- It can be expected that passengers access the commuter transit stops by car. As a result, driving a few miles more on local roadways to a more distance stop is not a significant burden or detriment to using the commuter service.
- As discussed above, serving locations with small ridership or parking capacity can reduce the overall effectiveness of a commuter transit program. A reasonable standard would be to not serve a location generating less than 15 passenger boardings per day (unless a specific stop is directly along an existing route and can be served with only a few minutes of delay to passenger on board).
- Passengers tend to want to be driving towards their work location, rather than away, to access a park-and-ride. In Roseville, this means that park-and-rides should be located south and west of the residential area.

COMPARISON OF LOCAL FIXED ROUTE ALTERNATIVES AND PERFORMANCE ANALYSIS

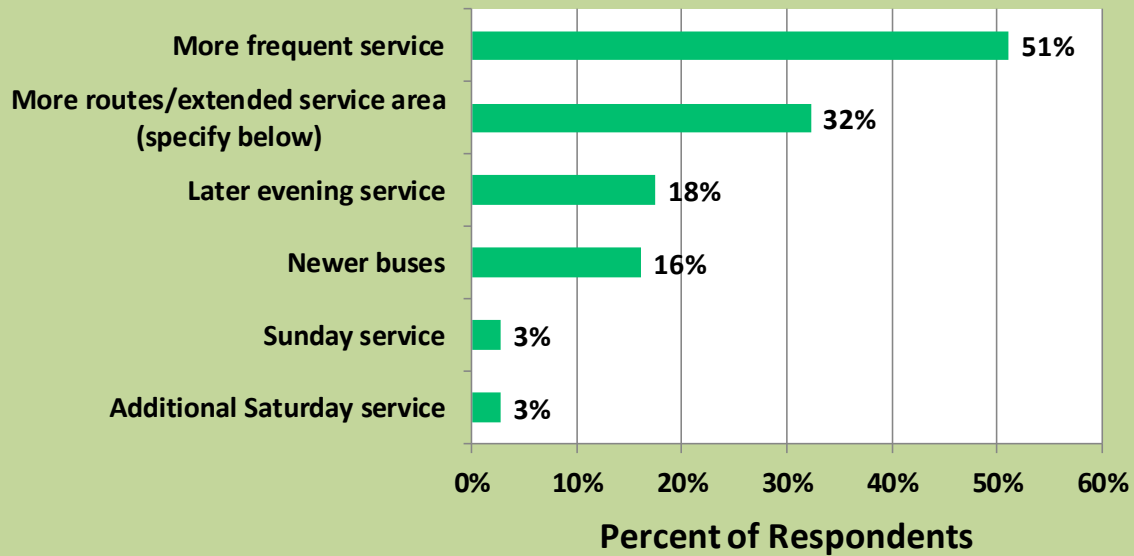
Table 31 summarizes the ridership and operating subsidy requirement impacts of the various local fixed route alternatives. Figure 26 also presents the ridership impacts in graphical terms. As shown, the greatest potential ridership increases are associated with half-hourly weekday service on Routes D, L and M (21,100 annual passenger-trips) followed by Sunday service (7,800), the streamlined Routes C and E (5,400) and the revised Route S with 11 runs per day (5,200). Three alternatives would reduce ridership, with the largest reductions coming from the elimination of CGFE service (7,000) and the elimination of weekday service after 7 PM (6,800).

Impact on annual subsidy requirements also vary widely, as shown in Figure 27. The most expensive alternative is the provision of half-hourly weekday service on Routes D, L and M (an increase of \$413,600), followed by reverse Route D service (\$145,600 per year) and the Sunday service options (between \$102,000 and \$125,700 per year). The subsidy implications of several options are relatively modest, including the Route S extension, changes in Saturday service, and the streamlined Routes C and E. Other alternatives would result in substantial reductions in subsidy, with the greatest (\$182,600) coming from the elimination of the Route CGFE bus.

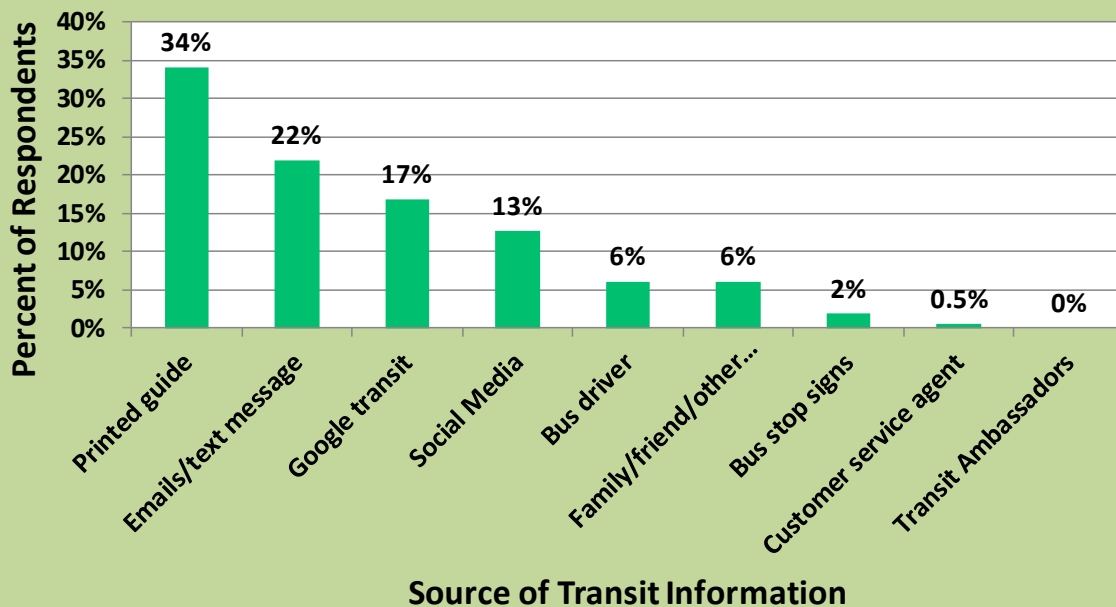
Performance Analysis

An analysis of the performance of the service alternatives is presented in the right side of Table 35. This considers the following key transit service performance measures. For those measures with a performance measure, those attaining the recommended performance standard are shown in green shading.

**Figure 26: What do you think would most increase ridership on Roseville Transit?
(Check only one) (Commuter)
(n = 217)**

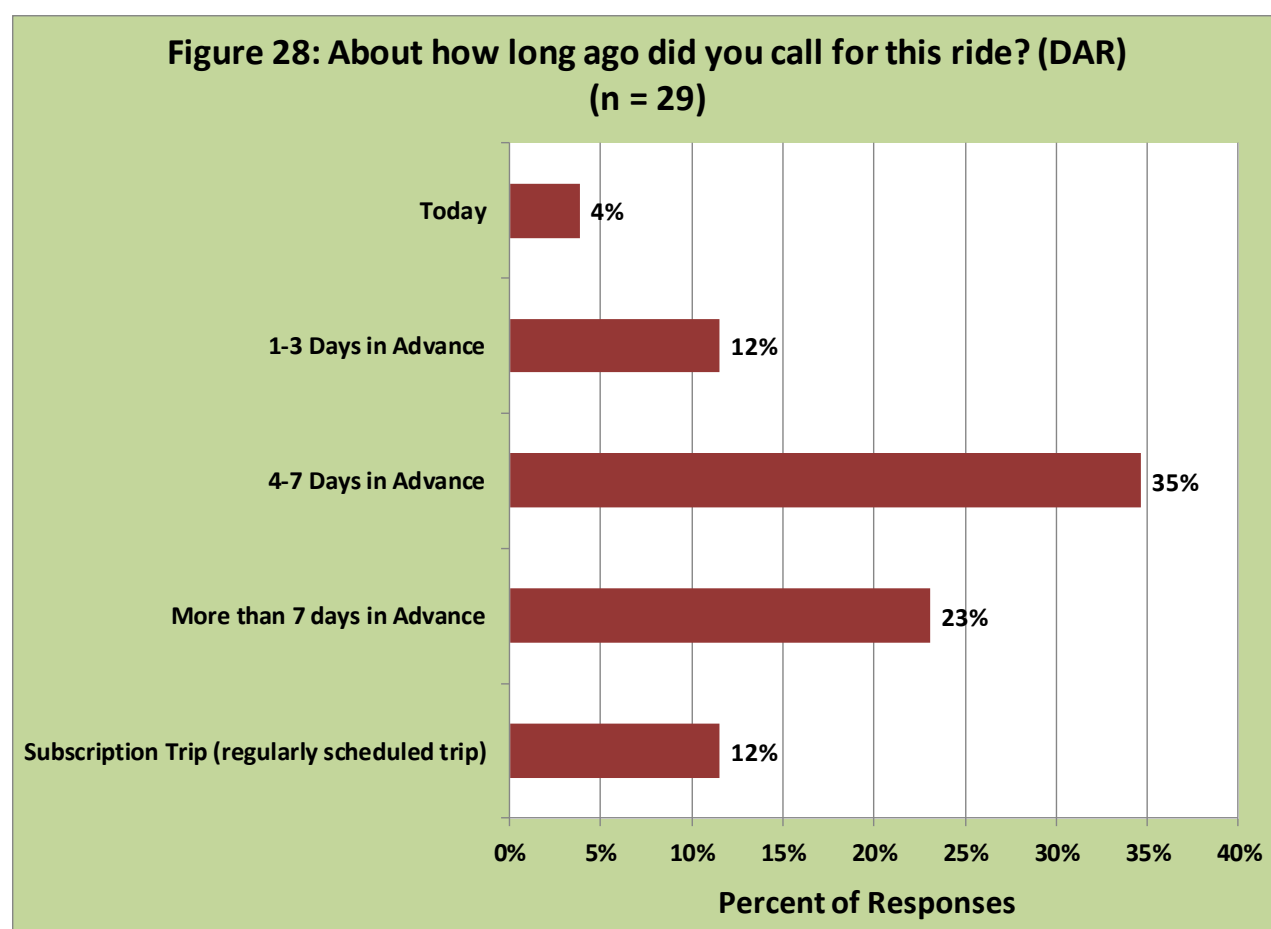


**Figure 27: What is your primary source for transit information? (Commuter)
(n = 214)**



Passenger-Trips per Vehicle-Hour

The marginal passenger-trips per vehicle-hour is a key measure of the productivity of a transit service. Note that the alternative to streamline Routes C and E does not result in a change in vehicle-hours, making this measure inapplicable. As also shown in Figure 28, the “best” of the alternatives by this measure is the alternative to combine Routes L and C, eliminate Routes E and G and provide TNC service in eastern Roseville, which yield a negative 0.9 figure (reflecting an increase in ridership over a decrease in vehicle-hours). Note that the vehicle-hours pertain only to Roseville Transit, and exclude TNC vehicle-hours. Of those alternatives that increase both ridership and vehicle-hours, the best is adding one additional hour of Route A and B service on Saturdays, which generates 12.5 passenger-trips per additional vehicle-hour. This is followed by the Route S service to the Public Defender’s office (9.9). Of those that reduce both ridership and vehicle-hours, the better alternative is the elimination of Route CGFE, which eliminates a relatively low 2.2 passenger-trips per vehicle-hour compared with the 3.0 passenger-trips lost for every hour of reduced service associated with the elimination of weekday service after 7 PM.



Note that some alternatives are identified as attaining the performance standard because they add more passengers per new vehicle-hour than the standard, or add passengers while reducing vehicle-hours. Others are identified as attaining the standard because they eliminate existing service that does not attain the standard at present.

Passenger-Trips per Vehicle-Mile of Service

This measure yields a negative value for the streamlined Routes C/E alternative and the option that combines L with C, eliminated E and G and provides TNC service, reflecting an increase in ridership and a decrease in vehicle-miles (a good outcome). Of the alternatives that increase ridership and mileage, the “best” is the revision to Route S with 8 runs per day, with 1.63 passenger-trips per vehicle-mile. Other alternatives that achieve the pertinent standard are the two other options addressing Routes CGFE, the extension of Route S to the Public Defender’s office and the extension of Saturday span of service. Other alternatives are consistent with the standard in that they eliminate service not attaining the standard.

Cost Per Passenger-Trip

The operating cost per passenger-trip yields negative value for both options to revise the Route CGFE service, reflecting an increase in ridership and a reduction in cost. Of those alternatives resulting in both an increase in ridership and costs, the “best” is the Route S service to the Public Defender’s office, which requires a relatively low \$5.33 in additional cost per new passenger-trip. At the other extreme, adding a reverse Route D would require \$38.85 in operating cost for every new passenger-trip served.

Subsidy per Passenger-Trip

This measure directly relates the key public input (funding) to the key desired output (ridership). The results exhibit the same pattern as the previous performance measure. The best of those alternatives is the combination of Routes C and L, provision of a TNC subsidy program in eastern Roseville and elimination of Routes E, F and G, which would save \$43.14 in subsidy for every additional passenger-trip served. Of those that increase subsidy, the best is the extension of Route S to the Public Defender’s office, requiring \$3.25 in subsidy for every new trip, while the worst is the reverse Route D service. There is no adopted standard for this performance measure. These figures are also shown in Figure 29.

Marginal Farebox Return Ratio

This is the ratio of marginal passenger-fares to marginal operating costs. The negative values for some alternatives (notably regarding Route CGFE) reflect a positive condition, in that fares increase while operating costs decrease. Some alternatives (eliminating evening service, eliminating Route CGFE) have positive ratios reflecting reductions in fares over reductions in costs. Of those alternatives increasing fares as well as costs, the better alternatives as reflected by a higher farebox ratio, with the best being the extension of Route S service to the Public Defender’s Office and the extension of Route A and B Saturday span of service.

TABLE 35: Roseville Transit Fixed Route Service Alternatives Performance Analysis

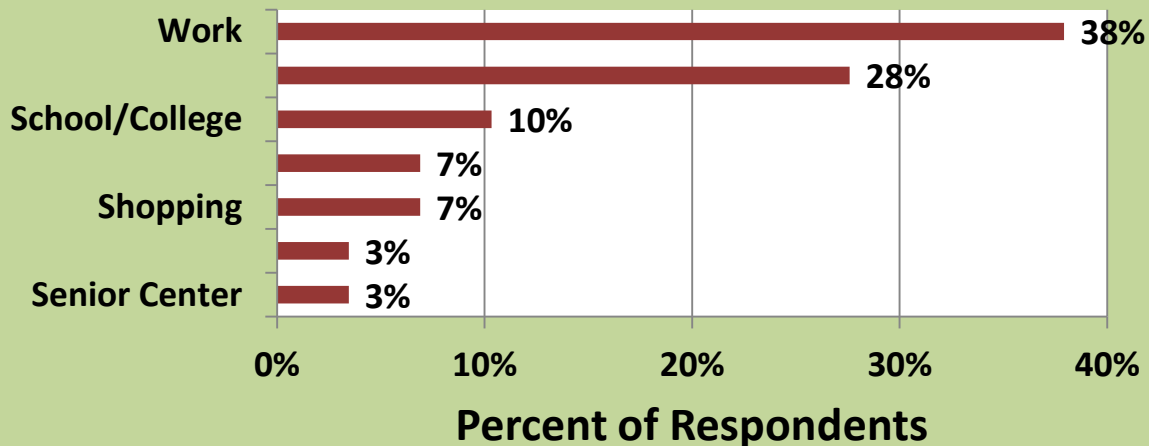
Alternative	Values Achieving Recommended Performance Standards Shaded						
	Annual Change		Change From Existing Service				
	Ridership	Operating Subsidy	Psg-rips per Service-Hour	Psg-rips per Service-Mile	Cost per Psg-rip	Subsidy per Psg-rip	Marginal Farebox Ratio
	Performance Standard		7.0	0.50	< \$15.00	No Standard	15%
Eliminate C, G, F, E	-7,000	-\$182,600	2.2	0.12	\$28.16	\$26.09	7.4%
Streamline Routes C and E	5,400	-\$12,300	--	-6.09	-\$0.20	-\$2.28	-1018%
Combine Route L with Streamlined C, Provide TNC Service, Eliminate Routes E, F and G	2,900	-\$125,100	-0.9	-0.05	-\$41.28	-\$43.14	-4.5%
Increased D, L and M Frequency	21,100	\$413,600	2.7	0.19	\$21.69	\$19.60	9.6%
Add Reverse Route D	3,900	\$145,600	1.5	0.10	\$38.85	\$37.33	3.9%
Extend Route S to Public Defender's Office	2,400	\$7,800	9.9	0.99	\$5.33	\$3.25	39.1%
Hourly Route R Service	4,000	\$77,600	2.6	0.21	\$21.48	\$19.40	9.7%
Revise Route S -- 8 Runs/Day	2,700	\$35,000	2.8	1.63	\$15.04	\$12.96	13.8%
Revise Route S -- 11 Runs/Day	5,200	\$97,600	2.8	0.19	\$20.85	\$18.77	10.0%
Eliminate First Hour of Routes D, C, G and M Weekday Service	-1,900	-\$42,700	2.5	0.15	\$24.53	\$22.47	8.4%
Eliminate Weekday Service After 7 PM	-6,800	-\$134,900	3.0	0.23	\$21.91	\$19.84	9.5%
Extend Saturday Service Until 6 PM -- All Routes	2,200	\$11,400	8.5	0.64	\$7.27	\$5.18	28.8%
Extend Saturday Service Until 6 PM Rts A & B Only	1,300	\$4,300	12.5	1.12	\$5.31	\$3.31	37.7%
Sunday Service - 8 AM to 5 PM	7,800	\$125,700	3.4	0.26	\$18.19	\$16.12	11.4%
Sunday Service 8 AM to 3 PM	3,800	\$102,000	2.1	0.16	\$28.92	\$26.84	7.2%

Financial numbers in FY 2018/19 dollars

Note: Green indicates alternatives that are consistent with standard by expanding service in a manner that exceeds standard.

Note: Blue shading indicates alternatives that are consistent with standard by eliminating service not currently attaining standard.

Figure 29: What is the main purpose of your trip? If you are going home what was the main purpose of your trip? (DAR) (n = 29, multiple responses allowed)



Summary

In sum, this review provides useful information for making decisions regarding the individual routes and services. It is also important to consider that there are many other factors (in particular, the ability to provide a dependable and safe transit service) beyond these financial and performance measures. Many alternatives will require additional analysis (including specific surveys and data collection) before a final decision can be made. Nonetheless, the following are key overall findings that result from this evaluation:

- Alternatives with a high potential consist of the following:
 - Combination of Route L with a streamlined Route C and provision of a TNC service for east Roseville. If a TNC program is not feasible, streamlining the existing CGFE service into two-way Routes C and E is also viable.
 - Extending the Saturday span of service until 6 PM.
 - Shift the Route D and Route L 3 to 5 minutes earlier to provide better connections at Civic Center.
 - A TNC subsidy program for connections between the train station and the nearby transit hubs.
- Alternatives that have a low potential consist of the following:
 - Reverse Route D service
 - Sunday service
 - Half-hourly service on Routes D, L and M
 - Hourly Route R service

Other alternatives not mentioned largely reflect trade-offs between costs, the benefits of expanding service area, and the benefits of providing more or less evening service. The revision of Route S to serve Fairway Drive may be more feasible if some of the required increase in subsidy can be generated by Placer County, as this expands service availability to the Santucci Justice Center.

COMMUTER SERVICE ALTERNATIVES

Roseville Transit's Commuter service is a successful element of the overall transit program. It improves the quality of life of Roseville residents by reducing the stress and costs associated with commuting, increasing the attractiveness of Roseville as a residential area for downtown employees, and helps to address the congestion and air quality impacts along the I-80 corridor. At the same time, it is relatively productive (approximately 3 times as many passenger boardings per vehicle-hour as the local fixed routes) and financially sustainable (passenger fare

revenues cover almost 80 percent of the operating costs). The alternatives presented below address the key issues currently facing this service, namely:

- Should service be expanded?
- What locations should be served, both in Roseville and in Sacramento?
- How should schedules be changed to best meet rider needs?
- What strategies can improve on-time performance?

Summary of Regional Commuter Services

As background information for the evaluation of Roseville Transit commuter service alternatives, it is worthwhile to review the overall services providing commuter transit service from western Placer County into downtown Sacramento, specifically the PCE service and the Roseville Transit commuter service.

Table 36 presents a summary of the two systems as a whole. As shown, in total the services carry roughly 208,000 passenger-trips per year, consisting of approximately 2/3 on Roseville Transit and 1/3 on PCE. The quantity of service totals 9,460 vehicle-hours and 343,466 vehicle-miles of service annually, at approximately the same splits. Total operating costs in FY 2016/17 were just over \$1.7 Million, of which slightly more than half was for PCE service. The productivity of the two services are very similar, at 22.3 passengers per vehicle-hour of service for PCE and 21.7 for Roseville Transit, for an overall figure of 21.9. Costs for PCE on a per-hour and per-passenger basis are substantially higher than for Roseville's commuter program.

Table 36: Western Placer Commuter Service Summary

	Annual Data				Performance Measure			
	Ridership	Vehicle Hours	Vehicle Miles	Operating Cost	Pax per Hour	Pax per Mile	Operating Cost per Hour	Operating Cost per Pax
Roseville Transit	137,102	6,327	242,187	\$837,296	21.7	0.57	\$132.34	\$6.11
PCT Commuter	70,677	3,163	101,279	\$865,744	22.3	0.70	\$273.74	\$12.25
Total	207,779	9,490	343,466	\$1,703,040	21.9	0.60	\$179.46	\$8.20

Source: FY 2016-17 data from individual operators.

Overall annual ridership trends over the last ten years are shown in Table 37. The region as a whole carried a peak of 225,212 commuter passengers in FY 2014/15, with a slight decline over the most recent years. By system, the Roseville program has dropped only 4 percent, while PCE has dropped by 12 percent.

**Table 37: Western Placer Commuter Services
Ridership Trends**

Fiscal Year	Roseville Commuter (1)	Placer County Express	Total
FY 08/09	107,088	77,120	184,208
FY 09/10	109,584	75,098	184,682
FY 10/11	126,214	80,093	206,307
FY 11/12	128,824	83,114	211,938
FY 12/13	128,570	80,636	209,206
FY 13/14	130,448	81,782	212,230
FY 14/15	144,445	80,767	225,212
FY 15/16	134,880	78,722	213,602
FY 16/17	139,084	70,677	209,761
% Change from FY 08/09 to FY 16/17	30%	-8%	14%
% Change from FY 14/15 to FY 16/17	-4%	-12%	-7%
Note 1: Includes Game Day Express Ridership			

Table 38 provides an overall summary of scheduled services, organized by the time that downtown Sacramento is served. This table also presents the average daily ridership on each of the runs. A review of this information indicates the following:

- A total of 14 AM trips and 14 PM trips are provided on Mondays through Thursdays, with two less AM and one less PM trips on Fridays. While PCE AM arrivals in downtown Sacramento are concentrated between 7:00 AM and 7:50 AM, Roseville Transit serves a broader span between 6:01 AM and 8:18 AM. In the afternoon, the first departure (on Roseville Transit) occurs at 3:31 PM, with the first PCE departure not occurring until 4:31 PM. The last departure time on both services occurs around 5:30 PM. Notably, Roseville Transit runs departing around 3:30 PM and 4:00 PM generate substantial ridership prior to PCE service.
- Passengers per trip are mostly higher on PCE runs than on Roseville Transit runs, with the exception of the two later afternoon PCE runs. While in part this reflects the greater seating capacity of PCT's 45-foot buses, this also indicates more need for expansion of the PCE service, as well as a need to review service times. In general the highest ridership is seen on AM runs serving work start times around 7:00 AM to 7:30 AM, and PM run times serving work end times around 4:00 PM, 4:30 PM and 5:00 PM.

Total ridership by stop within Placer County is shown in Table 39. This shows the concentration of passenger activity at the Taylor Road Park-and-Ride (adjacent to Sunsplash), where 61.7 percent of all passengers board or deboard (463 total trip-ends per day, on average). The next

TABLE 38: Combined Existing Commuter Schedules and Daily Ridership by Run

In Order of Downtown Service Times

AM															Daily Trips
Stop	Rsvl Bus 1(1)	Rsvl Bus 2	Rsvl Bus 4	Rsvl Bus 3	PCE Bus 1	Rsvl Bus 5	PCE Bus 2	Rsvl Bus 7	Rsvl Bus 6(1)	Rsvl Bus 8	PCE Bus 3	PCE Bus 4	Rsvl Bus 10	Rsvl Bus 9	
Average Daily Riders	13.6	34.8	35.9	26.2	40.5	34.6	40.3	17.9	20.6	30.5	36.8	34.6	28.4	30.5	
Colfax Depot	--	--	--	--	5:20	--	5:40	--	--	--	6:18	--	--	--	3
Clipper Gap PnR	--	--	--	--	5:32	--	5:52	--	--	--	6:30	--	--	--	3
Auburn Station	--	--	--	--	5:42	--	6:03	--	--	--	--	6:37	--	--	3
Penryn PnR	--	--	--	--	5:55	--	6:15	--	--	--	6:45	--	--	--	3
Loomis Station	--	--	--	--	5:59	--	6:19	--	--	--	--	6:53	--	--	3
Rocklin Station	--	--	--	--	6:06	--	6:26	--	--	--	--	7:00	--	--	3
Foothills/Junction	--	5:35	--	6:00	--	--	--	--	--	--	--	--	--	--	2
Mahany PnR	--	5:41	--	6:07	--	--	--	--	--	--	--	--	--	7:10	3
Roseville Amtrak	--	--	--	6:17	--	--	--	--	--	--	--	--	--	--	1
Galleria	--	5:51	--	--	--	--	--	--	--	--	--	--	--	--	1
Louis/Orlando	--	--	6:00	--	--	--	--	--	--	--	--	--	--	--	1
Cirby/Sunrise	--	--	6:04	--	--	--	--	--	--	--	--	--	--	--	1
Maidu PnR	5:10	--	6:09	--	--	--	--	--	--	--	--	--	--	--	2
Taylor/I-80 PnR	5:17	6:00	6:18	--	6:15	6:40	6:35	--	6:45	6:55	7:00	--	7:18	7:23	11
Saugstad PnR	--	--	--	6:21	--	--	--	6:50	--	--	--	--	7:27	7:31	4
Downtown	6:01	6:37	6:54	6:58	7:00	7:16	7:20	7:24	7:30	7:40	7:50	7:50	8:14	8:18	14
REVERSE COMMUTE															Daily Trips
Stop	Rsvl Bus 1	Rsvl Bus 2 (1)	Rsvl Bus 3	Rsvl Bus 4	Rsvl Bus 5	Rsvl Bus 6	Rsvl Bus 7	PCE Bus 1	PCE Bus 2	Rsvl Bus 8	PCE Bus 3	Rsvl Bus 9	Rsvl Bus 10	PCE Bus 4	
Downtown	3:31	3:36	3:46	3:57	4:02	4:11	4:26	4:32	4:37	4:41	4:47	4:56	5:26	5:30	14
Louis/Orlando	4:05	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Taylor/I-80 PnR	--	4:27	4:37	4:38	4:43	4:55	5:10	5:12	--	5:25	5:27	6:00	6:37	6:10	12
Cirby/Sunrise	4:11	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Maidu PnR	4:15	--	--	--	--	--	5:17	--	--	--	--	--	--	--	2
Saugstad PnR	4:29	--	--	--	--	5:07	5:32	--	--	--	--	6:12	6:22	--	5
Roseville Amtrak	--	--	--	--	--	5:16	--	--	--	--	--	--	--	--	1
Foothills/Junction	--	--	--	--	--	5:25	--	--	--	--	--	6:30	--	--	2
Galleria	--	--	--	--	4:52	--	--	--	--	--	--	--	--	--	1
Mahany PnR	--	--	--	--	5:02	5:33	--	--	--	--	--	6:38	--	--	3
Rocklin Station	--	--	--	--	--	--	--	--	5:17	--	5:35	--	--	6:18	3
Loomis Station	--	--	--	--	--	--	--	--	5:24	--	5:42	--	--	6:25	3
Penryn PnR	--	--	--	--	--	--	--	5:24	--	--	5:49	--	--	6:32	3
Auburn Station	--	--	--	--	--	--	--	--	5:40	--	6:00	--	--	6:43	3
Clipper Gap PnR	--	--	--	--	--	--	--	5:39	--	--	6:12	--	--	6:55	3
Colfax Depot	--	--	--	--	--	--	--	5:51	--	--	6:24	--	--	7:07	3

Source: Existing schedules. Downtown Times Shown for P&7th (Roseville) and P&5th (PCE). Other Downtown Stop Times Not Shown

Note 1: Monday to Thursday only.

TABLE 39: Western Placer Commuter Service Ridership by Stop*Average Daily Boarding & Alighting at Stops In Placer County*

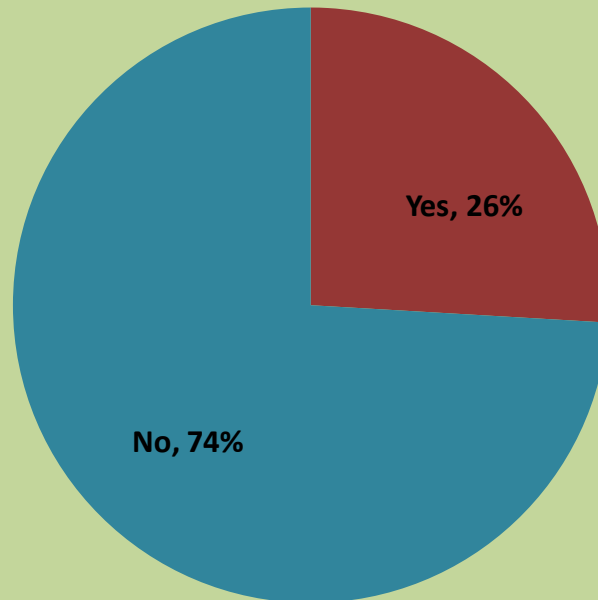
	PCE	Roseville	Total	Percent of Total		
				PCE	Roseville	Both
Colfax Depot/Main St	3	--	3	1.1%	--	0.4%
Clipper Gap PnR	6	--	6	2.0%	--	0.7%
Auburn Station/Nevada St	24	--	24	8.5%	--	3.2%
Penryn PnR	14	--	14	4.8%	--	1.8%
Loomis Station	18	--	18	6.3%	--	2.3%
Rocklin Station	85	--	85	30.2%	--	11.3%
Roseville/Taylor Rd PnR	132	332	463	47.0%	70.5%	61.7%
Saugstad	--	75	75	--	15.9%	9.9%
Mahany Park	--	28	28	--	5.9%	3.7%
Cirby at Sunrise	--	14	14	--	3.0%	1.9%
Maidu Community Center	--	10	10	--	2.1%	1.3%
Galleria Transfer Point	--	8	8	--	1.7%	1.0%
Amtrak	--	5	5	--	1.1%	0.7%
TOTAL	280	471	751	100.0%	100.0%	100.0%

FY 2016/17 figures provided by service providers.

highest location, Rocklin Station with 85 passenger-trip-ends, serves only 11.3 percent. This table also indicates the low ridership generated east of Auburn, as well as at some of the other Roseville Transit stops.

Finally, the onboard passenger surveys conducted as part of this SRTP can be used to evaluate the overall residence location of riders on the combined system. As shown in Table 40, when adjusted to reflect the average daily ridership on the two systems, this analysis indicates that just over half of all transit commuters on the two systems live in Roseville (53 percent) followed by 20 percent that live in Rocklin and 3 percent in Lincoln. Figure 30 also shows the relative proportion of residents in each community choosing to use one or the other service. As indicated, 16 percent of Roseville residents choose to use the PCE service, while on the other hand 18 percent of Rocklin residents choose to use the Roseville Transit commuter service. This data also indicates ridership coming from other counties (such as Nevada County, the northern portion of El Dorado County, as well as Citrus Heights in Sacramento County) to use the two transit systems. This data also provides the information on the residential location within Roseville of Roseville Transit commuter passengers (by zip code). As shown, 53 percent of these passengers live in the western portion of Roseville (generally west of Foothill Boulevard, 29 percent live in the central portion between Foothill Boulevard and I-80/Rocklin city limit, and 18 percent live east of I-80. This indicates a large number of commuters are driving east from their homes to the park-and-ride locations.

Figure 30: Was there a vehicle that you could have used for this trip instead of Dial-A-Ride? (n = 27)



Additional Runs

Roseville Transit's commuter runs frequently run at or near the seating capacity: in the surveys conducted as part of this S RTP study, the PM Route 2 carried 46 passengers while the PM Route 4 carried 42. The passenger seating capacity of the largest buses in the fleet is 45. While the average annual ridership per runs only reaches as high as 35.9 in the AM period (Bus 4) and 32.8 in the PM period (Bus 2), the variability in ridership by season and day of week results in overcrowding on particular days. In addition to providing a poor ride experience for those passengers forced to stand, the potential that an individual passenger may not get a seat is a substantial disincentive to use a commuter transit service at all. It is important to avoid this perception by providing adequate capacity to ensure a seat in all but the most unusual periods.

Part of this overcrowding issue is related to the fact that ridership in the PM period is 13 percent higher than in the AM period (perhaps reflecting commuters that can use a carpool or vanpool in the AM but find Roseville Transit more convenient in the PM.) Also, the ridership in the PM service period is more concentrated in peak periods than in the AM service period: the five PM runs starting in the half hour between 3:40 PM and 4:10 PM carry 54 percent of all PM ridership, while the five AM runs arriving downtown in the half hour between 6:58 AM and 7:28 AM carry 42 percent of all AM ridership.

Overall, the existing ridership data indicates the need to increase the service by two to four trips per day for service between downtown and Taylor/I-80. (Discussion of service to other park-and-ride locations in Roseville is provided, below). While more detailed surveys of existing passenger would be needed to specific exact new schedules, available data indicates the following:

- In the AM period, the first priority would be a run departing Taylor/I-80 around 6:10 AM, followed by a run departing Taylor/I-80 around 6:30 AM.
- In the PM period, the first need is to provide additional capacity departing downtown around 3:30 to 3:45 PM, to Taylor/I-80. The second priority is to provide a run starting around 4:15 PM.

As shown in Table 41, two additional runs per day would increase annual operating costs by \$59,500, while four additional runs would increase this figure to \$119,000. An elasticity analysis indicates that two runs would increase annual ridership by 13,500 passenger-trips per year, increasing to 25,500 for four runs per day as summarized in Table 38. At the existing average fare per passenger, this would generate increases in passenger fares of \$65,600 with two new runs and \$123,900 with four new runs. Overall, fares would slightly exceed the marginal operating cost, yielding reductions in subsidy of \$6,100 with two additional runs and \$4,900 with four additional runs.

Earlier PM Commuter Runs

At present, the first downtown departures begin at 3:25 PM. An earlier PM departure time was mentioned by five survey respondents, making it the second-most frequent request. An additional 3:00 PM run would incur an operating cost of \$25,000 per year. Based on the relative ridership on El Dorado Transit service (which operates an earlier PM run), ridership generated by this additional run is estimated to be 6,300 per year (500 less than if this additional run were operated within the existing peak periods). Including the additional fare revenue, this would result in a decrease in operating subsidy of \$5,600. This bus would also have approximately 57 minutes to return to Sacramento to start the PM Route 9 run, so an additional bus would not be required.

Mid-Day Run

Provision of a mid-day commuter run is a common request among existing Roseville Transit commuter riders: of the 18 specific requests for additional runs out of the current span of service generated by the onboard surveys conducted for this SRTP, 7 were for mid-day service. This would allow passengers to work half-days in either the morning or afternoon, and also provide convenient service for other Roseville resident trips to downtown Sacramento. While

Table 40: Western Placer Commuter Programs Average Daily Ridership by Rider Residence

	Transit System			Percent of Total		
	Roseville Transit	PCE	Total	Roseville Transit	PCE	Total
Roseville	332	64	396	71%	23%	53%
<i>Western Roseville</i>	177	NA	NA	38%	NA	NA
<i>Central Roseville</i>	97	NA	NA	21%	NA	NA
<i>Eastern Roseville</i>	58	NA	NA	12%	NA	NA
Rocklin	45	108	153	9%	39%	20%
Lincoln	7	19	26	1%	7%	3%
Unincorporated Placer County	2	24	26	0%	9%	3%
Auburn	0	23	23	0%	8%	3%
Sacramento	45	0	45	9%	0%	6%
Citrus Heights	3	0	3	1%	0%	0%
Loomis	7	14	21	1%	5%	3%
Granite Bay	13	0	13	3%	0%	2%
Nevada County	0	6	6	0%	2%	1%
El Dorado County	3	0	3	1%	0%	0%
Colfax	0	5	5	0%	2%	1%
Rancho Cordova	2	0	2	0%	0%	0%
Carmichael	0	0	0	0%	0%	0%
Orangevale	2	0	2	0%	0%	0%
Fair Oaks	2	0	2	0%	0%	0%
North Highlands	0	0	0	0%	0%	0%
Other	10	17	27	2%	6%	4%
Total	471	280	751	100%	100%	100%
Source: Onboard passenger surveys, factored by ridership totals.						

TABLE 41: Typical Passenger Boardings and Vehicles in Operation per Hour
Roseville Dial-A-Ride

	Hour (Start Time)														
	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Weekday															
Total Passenger Boardings	6	8	9	12	8	7	10	7	8	1	6	3	2	1	2
- General Public	2	2	0	2	1	0	0	0	1	0	1	3	0	0	1
# of Vehicles in Service	2	4	5	5	5	4	5	5	4	3	3	2	1	1	1
Saturday															
Total Passenger Boardings		1	4	5	3	2	2	3	2	2	1	0			
- General Public		0	1	2	0	1	0	0	1	0	0	0			
# of Vehicles in Service		1	2	2	2	2	1	2	1	2	2	1			
Sunday															
Total Passenger Boardings		1	6	7	3	3	4	3	3	3	1	0			
- General Public		1	1	1	1	1	1	0	1	1	0	0			
# of Vehicles in Service		1	3	3	3	3	2	2	3	3	1	1			

Source: Operator manifests for March, 2017

there are other existing public transit options, a commuter run could provide a much more convenient service. For example, a mid-day trip from downtown Sacramento to the Taylor/I-80 Park-and-Ride currently takes approximately 1 hour and 40 minutes to complete (by RT Blue Line LRT, PCT Auburn-Light Rail Route, and Roseville Transit Route B). In comparison, a commuter run requires only roughly 30 minutes for the same trip.

An example of another commuter bus service that operates mid-day runs is Yuba-Sutter Transit, which operates two mid-day runs from Marysville/Yuba City that serve stops in downtown Sacramento around Noon and 2:00 PM. These runs in total average 41 passenger-trips per day, split evenly between the two runs. Roughly one-third of this ridership consists of travel into downtown Sacramento in the mid-day, while the other two-thirds is for trips from downtown.

A reasonable route for mid-day service would be to connect downtown Sacramento with Saugstad Park, Taylor/I-80 and the Galleria. The latter stop would allow connections to other Roseville and PCT routes to complete connections to other park-and-ride locations. An 11:30 AM departure from the Galleria would serve downtown stops around 12:30 PM, returning to the Galleria by 1:30 PM. This additional round-trip would increase costs by an estimated \$34,700 per year. Ridership generated by this alternative is estimated to be 8,900 (including additional ridership on existing runs). The average fare per new passenger would be relatively low, considering that many of the passengers currently use unlimited monthly passes (and thus would not generate new fare revenue). Subtracting an estimated \$14,300 per year in new fare revenue, the net impact on overall subsidy would be a relatively modest \$20,400 per year.

A mid-day run would also benefit passengers using the Placer County Express service. It would provide direct trips from the Taylor/I-80 stop also served by PCE, and would also provide direct transfers at the Galleria to the Lincoln-Sierra College Route (for connection to the Rocklin Station Park-and-Ride) as well as to the Auburn-Light Rail Route (for connection to the Auburn Station Park-and-Ride). As such, a portion of the subsidy required for this enhanced service could be funded through Placer County.

Reverse Commute Runs

At present, the Roseville Commuter schedules include three “reverse commute” opportunities per commute period, providing service from downtown Sacramento to Roseville in the morning and return trips in the afternoon. Ridership on these runs, however, is minimal: over a total of five days of service, only four passengers were recorded. As the contract with the service contractor is on an in-service hourly basis, taking these runs off of the schedule would reduce overall operating costs by \$43,700, at least in the short run. (In the long-run, the driver costs associated with the deadhead travel could be part of the bid rate in a future contract.) A total of approximately 400 passenger-trips would be eliminated (including passenger-trips on the opposite side of individual passenger round-trips). Including the loss of \$1,900 of passenger fares, this alternative would reduce operating subsidy by \$41,800 per year.

There are very real limits on the potential market for reverse commute runs. The population of downtown Sacramento is relatively limited, indicating that most potential riders on reverse commute runs would need to transfer from other public transit services (a disincentive to ridership). In addition, the fact that employment sites in Roseville are not concentrated around the park-and-ride locations means that reverse commuters would largely need to transfer to local routes, further reducing the attractiveness of public transit. Those employers within close walking distances of the reverse commuter stops in Roseville (such as the retailers in the Galleria) also tend to have shift times not compatible with viable reverse commuter transit schedules. In sum, there is little chance that an increase in reverse commute schedules or marketing would result in any significant increase in ridership that would warrant the additional costs of providing the service.

Changes in Roseville Stops Served

The current commuter service design is a complicated structure of various stops served on the individual runs. Over the ten total runs in each period, a total of seven individual combination of stops are served. Other than the four runs in each period serving only the Taylor/I-80 Park-and-Ride, the other six routes all serve different combinations.

The boarding and alighting data, as presented in Table 13, shows that Roseville commuter ridership activity within Roseville is concentrated at the Taylor Road Park-and-Ride (70 percent of all boardings and alightings), followed by 16 percent at Saugstad Park and 6 percent at

Mahany Park. Divided by the number of daily runs serving each stop yields the following average of number passengers getting on or off each bus:

Taylor/I-80	20	Galleria	4
Saugstad Park	8	Amtrak Station	3
Mahany Park	5	Maidu Comm. Center	2

This ridership pattern is very consistent with that seen on other commuter systems: the last stops before leaving the residential area for the employment center are the most popular. This makes sense when considered from the perspective of the individual commuter (the large majority of which have a car available): driving to the last stop saves overall travel time. A Roseville resident living near Mahany Park, for example can choose to drive to Mahany Park to catch a bus that will get to Saugstad Park in 21 minutes, or instead leave 11 minutes later to drive to Saugstad Park in 10 minutes⁶.

Service to Mahany Park

A common passenger request is for additional service to/from Mahany Park, including the potential for direct service to/from downtown Sacramento. With regards to the schedule serving this stop, a particular comment is the desire for an earlier and later afternoon runs. The first return trip serving Mahany Park currently departs downtown at 4:02 PM, arriving at Mahany Park at 5:02 PM, while the last departs downtown at 4:56 PM, arriving at Mahany Park at 6:38 PM. One option would be to provide the opportunity to request service to Mahany Park on the PM Bus 1 and Bus 10 runs, both of which currently terminate at Saugstad Park. This would add approximately 11 minutes and 4.4 miles to each run, but would provide downtown departures at 3:31 PM and 5:26 PM, greatly expanding the afternoon schedule options. Another possible improvement would be to provide service to Mahany on demand at the end of the Bus 8 PM run, which currently terminates at Taylor/I-80. This would add approximately 19 minutes and 4.9 miles to this run, but would reduce the in-vehicle-travel time for passengers wishing to leave work around 4:30 PM from the current 1 hour 42 minutes (on Bus 9) down to 1 hour 3 minutes on Bus 8. In addition, this would allow PM Bus 9 to terminate at Saugstad Park, as the Bus 8 service would be much more attractive to riders.

The operating cost associated with this option would depend on the actual ridership requests; conservatively assuming that all runs are extended on all days (and including the savings of trimming the Bus 9 run), the total cost increase would be \$7,900 per year. The improvements in PM span of service as well as reduced running times on later runs would increase ridership by an estimated 8,000 passenger-trips per year.

Current runs provide travel times between Mahany Park and downtown ranging from 56 minutes to 1 hour 8 minutes in the AM period, and from 1 hour to 1 hour 42 minutes in the PM

⁶ The fact that the Taylor Road Park-and-Ride is more popular than Saugstad Park is probably a reflection of the more convenient access to a broader area of the Taylor Road location, as well as the non-Roseville ridership.

period. Due to traffic congestion on I-80, Capital City Freeway and/or I-5, the direct drive time between these two locations can often be 45 minutes to 1 hour. Particularly in the PM commute period, the shortest travel time is often via I-5 and SR 99 to Baseline Road. While there is a perception among the passengers that the current routes add considerably to their travel time, in reality an express run serving only Mahany Park in Roseville would be scheduled to only save approximately 15 minutes.

The cost of providing one express run per day in each direction would be \$47,500 per year (as well as the cost for an additional bus). An elasticity analysis of the existing ridership levels generated by the Mahany Park stop indicates that the express service would increase ridership by an estimated 2,500 (in the short term, prior to additional development in the area). Including the additional fare revenue, the increase in subsidy would be \$35,400 per year.

Service to Maidu Park-and-Ride and Louis/Orlando Park-and-Ride

While two AM runs and two PM runs currently serve Maidu Park, a total of only 10 passenger-trips per day (or five round-trips) are served at this location on the average weekday. As three of the four runs serve Maidu Park between other stops, serving this stop both increases operating costs while increasing the travel time for other passengers. In addition, a new 39-space park-and-ride has recently opened adjacent to the Louis/Orlando transfer station. This location (2.8 miles from Maidu Park) is more conveniently located just off of I-80, and in a location that can also accommodate commuters driving (or taking local Roseville Transit routes) from other neighborhoods to the north. Overall ridership would benefit from eliminating the service to Maidu Park and instead provide a minimum of two runs in each commute period serving the Louis/Orlando park-and-ride.

Service to New Roseville Stops

Other park-and-ride lots in Roseville could potentially be served. One location in particular is a 25-space lot near Washington Boulevard and Freedom Way. This location, however, is not convenient to a substantial number of Roseville residences, and is relatively small. Moreover, the number of locations in Roseville currently served already results in a complicated schedule that limits individual passenger's choices or results in long in-vehicle travel times on one end of a passenger's round-trip or the other. Adding service to additional stops would further complicate the schedule, increase the potential for passengers to end up on runs not returning them to their car, and tend to reduce the overall convenience and effectiveness of the program. Establishing service to new locations is therefore not recommended, until new development substantially increases demand.

The provision of new park-and-ride locations/transit stops depends on a variety of factors specific to the geography of the community and the neighborhoods. General considerations are as follows:

- It can be expected that passengers access the commuter transit stops by car. As a result, driving a few miles more on local roadways to a more distant stop is not a significant burden or detriment to using the commuter service.
- As discussed above, serving locations with small ridership or parking capacity can reduce the overall effectiveness of a commuter transit program. A reasonable standard would be to not serve a location generating less than 15 passenger boardings per day (unless a specific stop is directly along an existing route and can be served with only a few minutes of delay to passenger on board).
- Passengers tend to want to be driving towards their work location, rather than away, to access a park-and-ride. In Roseville, this means that park-and-rides should be located south and west of the residential area.

Changes in Sacramento Stops Served

Existing Stops

A review of boarding/alighting activity at the existing stops served in downtown Sacramento indicates overall good utilization at almost all stops. The only exception is the N & 10th stop, which is only served in the AM period and was observed to only generate 1 passenger alighting. This stop is only one block from the busier stop at N & 9th, and should be dropped from the schedule.

There have also been passenger requests to split the downtown stops between runs, in order to reduce running times. This, however, greatly adds to the complexity of the individual runs (particularly given the existing variation in stops served in the Roseville area by run), reduces the service options available at individual stops, increases the potential for passengers to board the wrong bus, and would only save roughly 5 to 7 minutes per run. For these reasons, El Dorado Transit, which for many years operated two different loops in the downtown area, recently chose to consolidate their stops into a single loop. This strategy is not recommended for Roseville Transit.

Service to Employers North of Downtown

The area north of downtown (around Richards Boulevard / 7th Street) is a growing employment area, including the new California Highway Patrol Headquarters building. While free parking is available in this area, the State subsidizes transit fares for employees. Service to stops along Richards Boulevard east of 7th Street and along 7th Street between Richards and B Street could be provided in three ways:

- Two AM and two PM runs could be rerouted. The AM runs would turn west on Richards Boulevard, south on 7th Street, and return east on B Street to 12th Street. This would add 0.5 miles and approximately 2 minutes to the running time. In the PM, the route

would turn west from northbound 16th Street on B Street, north on 7th Street and east of Richards Boulevard to return to 16th Street. This would add 1.6 miles and approximately 6 minutes to each schedule. The disadvantage of this option would be that the large majority of riders on the runs would be provided with longer travel times, particularly in the afternoon.

- Two or all three of the reverse commute runs in both directions could be modified to include these new stops. This would add approximately 18 minutes to the travel time for employees in this northern area, but would not delay the greater number of passengers in the existing downtown service area.
- These two strategies could be combined, by serving the northern area only in the inbound direction to downtown on two or three runs in each peak period. This provides a minimal increase in travel time for existing passengers in the AM runs, while avoiding the larger increase in travel time on the PM runs. It also minimizes the operating costs and potential delays to buses.

While specific timing of service would require surveys of employee interest and work schedules, this latter strategy appears to be a net benefit to the transit service. Surveys of existing riders as well as CHP employees would also be helpful in identifying the specific need for this service.

Service to the Sacramento Valley Train Station

As part of efforts to enhance the *Capital Corridor* and the *San Joaquins* rail service (as well as the Railyard Redevelopment project), Sacramento's rail station at 4th and H streets is being improved and provided with expanded service. This station is four blocks west of the nearest PM stop and five blocks west of the nearest AM stop. In both directions, it is along the portion of the downtown loop where passenger loads are near their highest, indicating that regular service to the train station would impact the travel times of many existing passengers. This in turn would be a detriment to the primary purpose of the commuter service. Adding service to the beginning of the PM service in downtown and the end of the AM service (to minimize impacts to existing passengers) would add approximately 10 minutes to each run.

In addition, until/unless planned railyard development takes place, ridership demand generated by the train station can be expected to be episodic (as it depends on the limited schedules of Roseville Transit commuter buses and the schedule of rail service) and there are other public transit opportunities for travel between this train station and Roseville (notably Amtrak Thruway buses as well as the combination of RT light rail and PCT Auburn-Light Rail service). Unless a strong pattern of regular requests for service at specific times emerges, Roseville Transit commuter bus service directly to the train station is not recommended at this time.

Service to Other Employment Centers in Sacramento Region

There are common requests to provide direct Roseville Transit service to other employment centers in Sacramento, such as the Broadway corridor and UC Davis. While the area north of downtown discussed above can be served with the existing route with only a small impact on operating costs and existing rider's travel time, service to other areas in Sacramento would require new routes, or extensions of the existing runs that would significantly increase operating costs.

There are several factors, moreover, that make downtown Sacramento employers particularly strong generators of transit ridership, and that tend to work against the potential for direct service to other areas to be productive:

- Paid parking is a strong disincentive to commuting by auto, and indeed is typically found to be the single greatest determinate as to whether workers commute by transit. Parking fees in downtown Sacramento range between roughly \$135 and \$185 per month, while many employees in outlying areas of Sacramento do not face parking fees.
- Those major employers that subsidize transit passes (in particular Sacramento County and the State of California, which pay up to \$65 per month) are concentrated in downtown. While this voucher program is also available to State and County employees at non-downtown work locations, the proportion of total persons employed in other areas that have transit subsidy programs are much less than in downtown.
- The high density of employment sites within a convenient walk distance of a relatively short (15 minute) loop makes downtown a particularly efficient area to serve with a commuter service. Commuter services are typically only attractive to ridership if the walk between the destination stop and the work site is very convenient. More suburban work locations outside of the downtown typically require long travel times to reach individual employers separated by parking areas, and/or long walks from nearby streets to the front door.
- The work hours for government and office employees in downtown Sacramento are highly concentrated in the traditional "white collar" commute periods, allowing transit services to be efficiently focused on the busy AM and PM peak periods. In contrast, other areas of Sacramento have a broader mix of employers (such as health care, retail and manufacturing) with a broader array of work shifts that increase the cost of service a substantial proportion of workers.

For these reasons, commuter services provided by other transit programs in the Sacramento area have not proven productive. In particular, the El Dorado Transit service (which provides a successful commuter transit program from El Dorado County into downtown Sacramento) operated a commuter service to the Rancho Cordova area (including the Franchise Tax Board) for several years. As this service only generated 5 to 7 passenger-trips per run, it was ultimately

terminated. A similar Roseville Transit route serving other employment sites in Sacramento would face these same challenges, and is not recommended.

It is worth noting that the Connect Card program now provides more convenient means of making transfers in downtown Sacramento to RT services to other employment centers. It also provides greater ability to track transfer activity. If future review of transfers indicates a strong pattern of transfers between Roseville Transit and RT routes, the potential for new service to provide trips to other employment sites could be revisited.

Revisions to Improve On-time Performance

The Commuter Service on-time performance data collected as part of this study indicated that 29 percent of AM service operated 6 or more minutes behind schedule (up to 24 minutes late) and 46 percent of PM service operated late (up to 45 minutes late). It is clear from the observations that virtually all of this delay is generated by traffic delays along I-80 and/or the Capital City Freeway. Route running times within Roseville and within downtown Sacramento are consistent with the published schedule. However, the growth in traffic volumes on the freeways are now near or exceeding roadway capacity, where any minor collision or disabled vehicle can result in long delays, particularly in the late afternoon.

This issue, of course, is regional in nature and far outside the capacity of the transit service to control. To a degree, regular passengers can adjust their daily morning routine by choosing an earlier run that provides them with their desired level of assurance of arriving by their scheduled work start time. There are several strategies that could help address on-time performance:

- Consider routing the service via I-80 and I-5 west of Watt/I-80, rather than Capital City Freeway. With the completion of the “Across the Top” improvements on I-80 and the growth in congestion on the Capital City Freeway, drive times on the I-5 route can often be 15 minutes quicker. Caltrans plans, moreover, are more advanced to complete HOV lanes along I-80 and I-5 (including a freeway-to-freeway connection at the I-80/I-5 interchange) than they are along the Capital City Freeway. It is worth noting that the PCE service via this alternative route was observed (in the limited data collected as part of this SRTP) to be late a relatively low 15 percent of the time. This option would require reconfiguration of the downtown service route. One strategy would be to provide a route consistent with the current and relatively simple PCE route using J Street eastbound, 15th Street southbound and P Street westbound, which serves stops within at most a two block walk of all existing Roseville Transit stops.
- Eliminate or modify the existing strategy of operating PM Routes 3 and 10 with the same bus. At present, Route 10 can only serve departing downtown stops on time if the bus has already successfully negotiated the freeway corridor in both directions without encountering significant delays – an increasingly unlikely outcome. If it is not feasible to operate a second bus due to limited bus availability, moving the Route 3 departure time

earlier by five minutes and Route 10 departure time later by five minutes would provide at least some additional ability to keep to schedule.

- Consider building ten minutes of additional time into the schedules for AM Runs 3 to 10 and all PM runs. This would reduce the proportion of runs operating late by an estimated 15 percent, though many runs impacted by severe traffic delays would still be behind schedule, and other runs would arrive ahead of schedule. Overall, this would provide passengers with a more realistic indication of their actual arrival time, and would help the reputation of the transit program regarding reliability. The impact of this additional scheduled time would be approximately \$31,000 per year, except that the City already pays for actual on-the-clock time generated by delays. The net result would be an increase in costs on the order of \$15,000 per year.

COMPARISON OF COMMUTER ALTERNATIVES AND PERFORMANCE

The performance analysis for the commuter services is presented in Table 42 and Figure 31 depicts the results. Those attaining the pertinent performance standards are shaded in green. A review of these results indicate the following:

- Ridership impacts range from a loss of 400 from the elimination of the reverse commute service to an increase of 25,500 generated by four additional runs.
- Subsidy impacts range from a reduction of \$41,800 (elimination of reverse commute service) to an increase of \$35,400 for a Mahany Park express run. Several other alternatives yield net reductions in operating subsidy by generating fare revenue increases greater than the cost increase.

TABLE 42 Roseville Transit Commuter Service Alternatives Performance Analysis

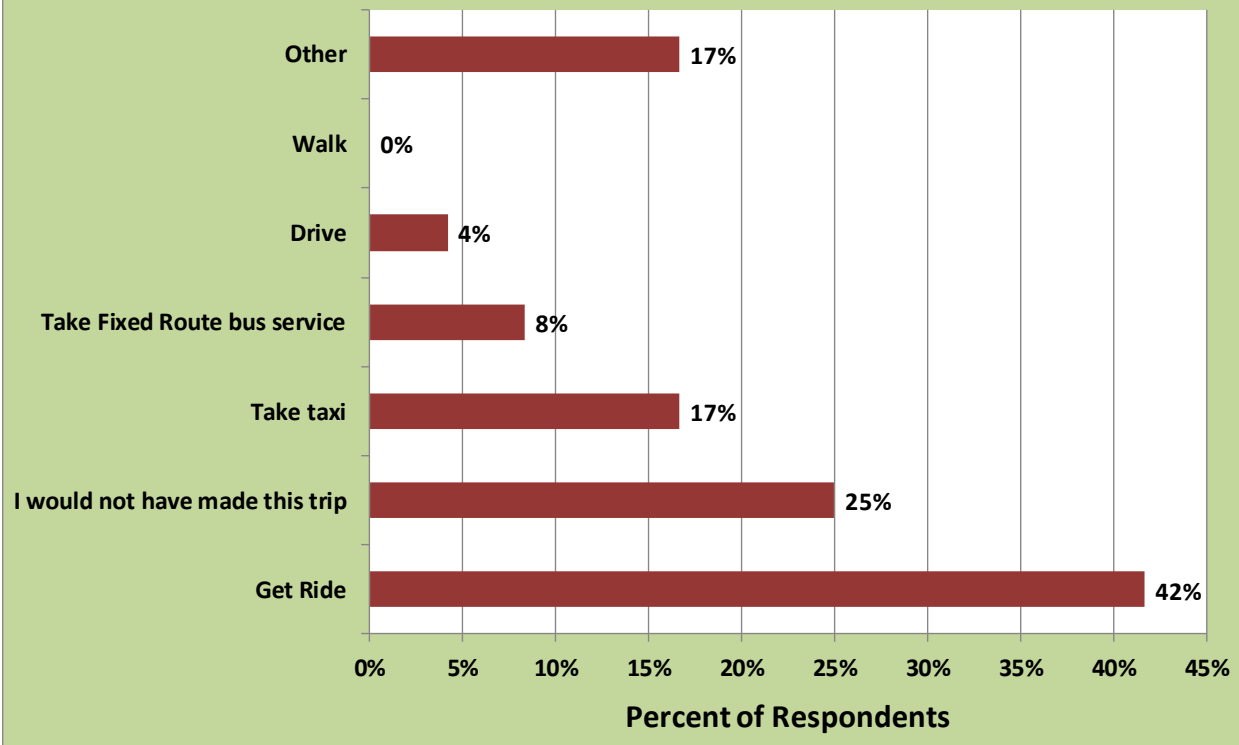
Alternative	Annual Change		Values Achieving Recommended Performance Standards Shaded				
	Ridership	Operating Subsidy	Change From Existing Service				
			Psggr-Trips per Service-Hour	Psggr-Trips per Service-Mile	Cost per Psggr-Trip	Subsidy per Psggr-Trip	Marginal Farebox Ratio
	Performance Standard		20.0	0.60	< \$6.00	No Standard	75%
1 New Run in Each Direction Per Day	10,200	\$9,900	12.5	0.47	\$5.83	\$0.97	83%
2 New Runs in Each Direction Per Day	19,400	\$24,700	11.9	0.45	\$6.13	\$1.27	79%
3:00 PM Run	5,000	\$700	17.3	0.46	\$5.00	\$0.14	97%
Mid-day Service	8,900	\$20,400	17.7	0.76	\$3.90	\$2.29	41%
Improved PM Service to Mahany Park	8,100	-\$31,500	64.3	3.46	\$0.98	-\$3.89	499%
Mahany Park Express Run	2,500	\$35,400	5.0	0.11	\$19.00	\$14.16	25%
Eliminate Reverse Commute Service	-400	-\$41,800	0.5	0.04	\$109.25	\$104.50	4.3%

Financial numbers in FY 2018/19 dollars

Note: Green indicates alternatives that are consistent with standard by expanding service in a manner that exceeds standard.

Note: Blue shading indicates alternatives that are consistent with standard by eliminating service not currently attaining standard.

Figure 31: If the Dial-A-Ride service was not available, how would you have made this trip? (n = 24, multiple responses allowed)



- Passenger-trips per vehicle-hour of service would be as high as 64.3 (resulting from the relatively strong ridership benefit associated with short extensions to provide greater PM service to Mahany Park). The additional 3:00 PM run attains the standard by providing more than 20 passenger-trips, while the elimination of the reverse commute service is consistent with the standard in that the vehicle-hours eliminated only generate 0.5 passenger-trips apiece. It is worth noting that the Mahany Park express run generated a relatively low 5.0 passenger-trips per vehicle-hour, but the other three expansion alternatives all generated results not far below the 20 passenger-trips per vehicle-hour standard.
- The impact on passenger-trips per vehicle-mile show a similar pattern, ranging from 3.46 passenger-trips gained per vehicle-mile for the improved PM service to Mahany Park to a loss of 0.04 for elimination of reverse commute service.
- Eliminating the reverse commute service would save \$109.25 in operating cost for every passenger-trip lost. Of the alternatives that increase costs, the “best” is the extension in PM runs to provide improved Mahany Park service, which requires only \$0.98 in additional cost per new passenger. On the other hand, operating express service for Mahany Park requires \$19 per passenger-trip.

- The subsidy per passenger-trip shows a similar pattern, with the elimination of reverse commute service saving \$104.50 in subsidy per additional new passenger-trip. On the other extreme, the Mahany Park express service requires \$14.16 in subsidy per passenger-trip, while the mid-day service requires \$2.29 and the other options all yield a net reduction in operating subsidy per passenger-trip.
- The marginal operating farebox ratios exceed 100% (revenues higher than costs) for most of the expansion alternatives, with the exception of the mid-day service and the Mahany Park express service. Eliminating the reverse commute service attains the farebox ratio standard as it is only 4 percent.

Summary

In sum, this review provides useful information on a wide range of commuter service alternatives. It is also important to consider that there are many other factors such as passenger preference, funding availability and bus availability beyond these financial and performance measures that merit consideration. Many alternatives will require additional analysis (including specific surveys and data collection) before a final decision can be made. Nonetheless, the following are key overall findings that result from this evaluation:

- The alternatives with a high potential consist of the following:
 - Extending some of the PM runs to improve service to the Mahany Park park-and-ride.
 - Elimination of the reverse commute service.
 - Providing at least two and preferably four additional runs per day, with one of the new PM runs departing downtown around 3 PM.
 - Revising the schedules to provide an additional 10 minutes of running time along the freeway corridor (and consideration of shifting to the I-5 corridor)
 - Serving the Louis/Orlando park-and-ride, instead of the Maidu Park park-and-ride.

These alternatives help address goals of expanding ridership, improving cost-efficiency by reducing ineffective services, and improving service quality.

- A moderate level of potential is associated with the following:
 - Provision of mid-day runs. While it attains some but not all performance standards, it would provide a real benefit to the commuter service and its riders.
 - Providing service to the area north of downtown (CHP Headquarters) on specific runs in a manner that minimizes impact on existing riders.
- Alternatives that have a low potential consist of the following:
 - Express runs to/from Mahany Park

- Establishing service to new portions of Sacramento outside of the downtown, as well as to the Sacramento train station.

Other alternatives not mentioned largely reflect trade-offs between costs and the benefits of expanding service availability.

DIAL-A-RIDE

The overall purpose of Roseville's Dial-a-Ride program is to provide mobility to Roseville residents that otherwise would not have the accessibility to activities needed for a high quality of life. In addition, the program serves some trips that are otherwise not efficient to serve with the local fixed routes. Increasing ridership is not a key goal of the program, so long as it fills the needs of the community. Providing a high quality of service is instead the key goal of the service.

The program currently serves approximately 28,400 passenger-trips per year. This figure is 20 percent below the annual ridership in Fiscal year 2008/09, and 6 percent below the figure for FY 2014/15. While ridership over the last two years increased by 1 percent on Saturdays, it decreased by 4.4 percent on weekdays and 12 percent on Sundays. Table 40 presents a summary of typical passenger activity by hour and day of week, as well as the number of vehicles in operation.

Table 43: Western Placer County Public Transit Route Rates			
	Placer County Transit	Roseville Transit	Auburn Transit
One-Way - General Public	\$1.25	\$1.50	\$1.00
One-Way - Senior/Youth/Disabled	\$0.60	\$0.75	\$0.50
24 Hour Pass - General Public	\$2.50	\$4.00	\$2.50
24 Hour Pass - Senior/Youth/Disabled	\$1.25	\$2.00	\$1.25
10 Ride Pass - General Public	\$10.00	\$15.00	--
10 Ride Pass - Senior/Youth/Disabled	\$5.00	\$7.50	--
14 Day Pass - General Public	\$21.50	--	--
14 Day Pass - Senior/Youth/Disabled	\$10.75	--	--
30 Day Pass - General Public	\$37.50	\$58.00	\$40.00
30 Day Pass - Senior/Youth/Disabled	\$18.75	\$29.00	\$20.00
30 Ride Pass - General Public	--	--	\$24.00
30 Ride Pass - Senior/Youth/Disabled	--	--	\$12.00
5 and under	Free	Free ¹	Free
Summer Youth	\$10.00	\$10.00	\$10.00
*Free is 4 years old and under on Roseville Transit. Maximum 2 children per adult rider.			
Source: LSC Transportation Consultants, Inc.			

The overall Dial-A-Ride program was reviewed to reach the following conclusions:

- Late cancellations are those where a passenger does not call at least 2 hours in advance of the scheduled pick-up time window. FY 2016/17 data indicates that this occurs on 1.4 percent of all trips, in addition to 0.3 percent of cancellations that occur at the door. The percentage of total cancellations is generally considered to be high if over 15%. Overall, cancellations are not a significant issue for the Roseville program.
- 2.5 percent of trips result in a “no show” (the passenger is not at the pickup location). The industry standards for these metrics are no more than 5 percent for no-shows, again indicating that the Roseville program has a good handle on this factor.
- The City of Roseville’s policies on late cancellations and no-shows is consistent with industry practice in that it is based on the percent of trips (rather than the absolute number), includes an appeal process, provides an advance notice prior to imposing a penalty, and provides ADA passengers with the option of a suspension rather than only imposing a fine.
- Missed trips occur on 0.028 percent of all scheduled trips (only 8 over the course of a year). This rate is typically not considered to be of concern unless it exceeds 0.05 percent.
- 24 percent of Dial-A-Ride passenger-trips are “subscription” trips (standing orders to serve specific passengers at specific times and days). This is a relatively low proportion compared with other similar systems, and indicates that the program is managing the level of subscription trips to avoid limiting availability for other “casual” ride requests.
- The Dial-A-Ride program serves 2.4 passenger-trips per vehicle service hour. Factors that tend to reduce this figure are the dispersed nature of most of the passenger trips (with individual trips made between scattered locations, rather than group trips to program sites) as well as the large geographic size of the service area. Considering these factors, this figure is relatively good compared with paratransit services in similar communities, and indicates an appropriate level of service for the level of ridership.
- The reservation process is standard in the industry, and does not appear to be creating any significant problems for the service or the passengers.
- It is important to consider that the overall goal of a public transit program is not to maximize ridership, but to ensure that the community’s mobility needs are being met. This is particularly true on demand response services such as Dial-A-Ride, as growth in ridership requires increased operations and associated costs. If DAR passengers choose to shift to new mobility options (such as TNCs), this should be considered a positive step.

Elimination of General Public Ridership on Dial-A-Ride

One option that could be considered would be to eliminate the availability of Dial-A-Ride service to the general public (persons without disabilities and not elderly). General public ridership makes up 17 percent of all passenger-trips (or approximately 12 trips per day). As reflected in Table 18, above, this proportion is 14 percent on weekdays, 20 percent on Saturdays, and 24 percent on Sundays. This data was reviewed to estimate the reduction in vehicle-hours that could be made if general public riders were to be eliminated. This was found to be three vehicle-hours on weekdays, one on Saturdays and four on Sundays. Over the course of a year, this equates to a 7.4 percent reduction in vehicle-hours of service (though the peak number of vans in service would remain unchanged). This in turn would reduce operating cost by an estimated \$51,300 per year. Assuming all existing DAR General Public riders would be eliminated (rather than shifting to fixed route service), fare revenue would be reduced by \$15,000 per year, resulting in a net reduction in operating subsidy of \$36,300 per year.

A performance analysis of this alternative indicates the following:

- At 5.0 passenger-trips eliminated per vehicle-hour of reduction, this alternative is not consistent with the standard of providing service that yields at least 2.5 passenger-trips per vehicle-hour.
- Similarly, the elimination of 3.2 passenger-trips per vehicle-mile is not consistent with the standard of 0.20.
- This alternative would save \$8.43 in operating cost per passenger-trip lost, less than the standard of no more than \$35.00.
- The farebox ratio of fares to operating cost would be 29 percent, more than the minimum standard of 8 percent.

In sum, eliminating general public ridership from the Dial-A-Ride program is not consistent with any of the standards. It also provides a service to Roseville residents who find that the fixed route service does not meet their needs.

FARE ALTERNATIVES

Potential changes in the passenger fare structure for Roseville Transit are reviewed in this section.

Fixed Route Fares

In the interest of marketing and coordination between the western Placer County public transit services, a review of the fare structures of the three fixed route operators is worthwhile.



A comparison of fixed route fares on the two programs is shown in Table 44. As shown, Roseville Transit has the highest base fare of \$1.50. This is in line with other peer transit around the region, per the following examples and as shown in Table 22 in Chapter 6:

Table 44: Western Placer County Public Transit Route Rates			
	Placer County Transit	Roseville Transit	Auburn Transit
One-Way - General Public	\$1.25	\$1.50	\$1.00
One-Way - Senior/Youth/Disabled	\$0.60	\$0.75	\$0.50
24 Hour Pass - General Public	\$2.50	\$4.00	\$2.50
24 Hour Pass - Senior/Youth/Disabled	\$1.25	\$2.00	\$1.25
10 Ride Pass - General Public	\$10.00	\$15.00	--
10 Ride Pass - Senior/Youth/Disabled	\$5.00	\$7.50	--
14 Day Pass - General Public	\$21.50	--	--
14 Day Pass - Senior/Youth/Disabled	\$10.75	--	--
30 Day Pass - General Public	\$37.50	\$58.00	\$40.00
30 Day Pass - Senior/Youth/Disabled	\$18.75	\$29.00	\$20.00
30 Ride Pass - General Public	--	--	\$24.00
30 Ride Pass - Senior/Youth/Disabled	--	--	\$12.00
5 and under	Free	Free ¹	Free
Summer Youth	\$10.00	\$10.00	\$10.00
*Free is 4 years old and under on Roseville Transit. Maximum 2 children per adult rider.			
Source: LSC Transportation Consultants, Inc.			

- Folsom Stage -- \$2.50
- Gold Country Stage (Grass Valley) -- \$1.50 to \$3.00 depending on zone
- El Dorado Transit -- \$1.50
- E-Tran (Elk Grove) -- \$2.25
- Roseville Transit -- \$1.50
- Sacramento RT -- \$2.75

One notable difference between Roseville Transit and the other two western Placer operators is the age for a child. On Auburn Transit and PCT, a child may ride free at age 5 and under; whereas on Roseville Transit the child must be 4 and under. To be consistent, Roseville Transit should consider changing the age of a child to 5 and under. Given the high proportion of riders in the area that use multiple transit services, providing consistent fare policies help to improve the convenience of the transit network as a whole, and reduce conflicts between passengers and drivers.

Commuter Fares

Table 45 presents a comparison of commuter service fares on PCE and Roseville Transit. The base one-way cash fare from Rocklin/Roseville is slightly less on PCE (\$4.25) than for non-residents on Roseville Transit (\$4.50), although the resident fare on Roseville Transit is lower (\$3.25). Similarly, the cost of a PCE monthly pass from the Roseville/Rocklin area (\$131.25) is between the Roseville 30-day Pass for non-residents (\$155) and residents (\$110). PCE has a lower one-way fare for Connect Card users traveling from between Penryn and Roseville to Sacramento. Roseville Transit does not offer this option.

In addition, other commuter transit fares in the Sacramento Region are as follows:

	<u>Base 1-Way</u>	<u>Monthly Pass</u>
El Dorado Transit	\$5.00	\$180.00
Yuba Sutter Transit	\$4.00	\$128.00
YoloBus Route 45	\$3.25	\$121.00

In comparison, Roseville Transit's resident fares are at the low end of the peer system fares.

One option would be to better align Roseville Transit commuter and PCE fares as a step to coordinate the two similar services. Overall, fare prices are fairly similar between the two operators. As noted above, the price from Rocklin/Roseville on PCE is \$4.25 vs. \$4.50 for non-residents on Roseville Transit. A complicating factor is the discounted fare option for Roseville Transit residents (\$3.25). It would likely be an unpopular policy to eliminate this discount for Roseville Transit residents. Roughly 77% of Roseville Transit riders are residents.

Table 45: Western Placer County Commuter Service Fares

Placer County Express				
	Colfax / Clipper Gap	Auburn / Penryn / Loomis	Rocklin / Roseville	Sacramento
Cash One-Way	\$5.75	\$4.75	\$4.25	\$4.25
Monthly Pass	\$178.50	\$147.00	\$131.25	--
Connect One-Way	\$5.75	\$4.50	\$3.70	\$3.70

Roseville Transit			
	Resident	Non-Resident	Reverse Commuter
Single Fare	\$3.25	\$4.50	\$3.25
10-Ride Pass	\$32.50	\$45.00	\$32.50
30-Day Pass	\$110.00	\$155.00	\$110.00
Roseville Transit Commuter/Capital Corridor Monthly Pass	\$110.00	\$155.00	--

Source: Individual websites.

If Roseville Transit were to eliminate the discount for a Roseville resident and align commuter fares with the PCE base fare from Roseville (\$4.25 cash/ \$132 monthly pass), roughly 10,000 trips per year would be lost and \$23,000 in fare revenue would be gained. Roseville Transit services have a high farebox ratio of 79 percent, which achieves the standard of 75 percent, and thus does not necessarily need to increase fares for this service. Given that the commuter services have such a high farebox ratio and given the potential for conflict from eliminating the Resident discount, promoting the use of Connect Card may be a better way of coordinating PCE and Roseville Transit services.

College Transit Pass Program

College transit pass programs have become relatively common, particularly among larger colleges and universities. Under these programs, funds are provided (typically from student activity fees) to offset the loss of transit fares that accompanies a fare program by which students are allowed to board the bus system at no charge. Some programs also include college staff and faculty (with funding provided from non-student-fee sources). Consideration was given both to a college pass program for Sacramento State University and for Sierra College.

Sacramento State University students may ride all Sacramento RT fixed-route transit services, including the light rail, by presenting a valid Sacramento State OneCard and the student

commuter sleeve. Students pay a nominal fee for this service through their registration fees. Approximately 5,000 “Sac State” students live in Placer County. This bears the questions whether western Placer County transit operators should also offer discounts or free rides to Sac State students through a registration fee program.

Two factors which contribute to the success of a college transit pass program are student transit demand and parking costs. The demand for transit service between Placer County and Sac State is reduced by the long travel times resulting from the current schedules of the various transit services. As an example, a student living near downtown Roseville wishing to use transit to the Sac State campus faces a total travel time ranging from 1 hour 45 minutes (using Roseville Route B, RT Route 21 and Gold Line LRT) up to 2 hours 15 minutes (using Roseville Route B, RT Route 93 and RT Route 26), depending on the time of travel. In comparison, driving would take around 30 minutes. Daily parking fees at Sac State student lots are \$6.00, which does not create much incentive to spend an additional 2.5 to 3 hours a day commuting to/from campus. Given this, it is not surprising that the onboard passenger surveys did not identify any existing Roseville Transit passengers traveling to or from Sac State. It can be concluded that a pass program for Sac State students would not generate a noticeable level of use on Roseville Transit unless parking costs increase and/or much more direct transit services are provided.

A partnership between Sierra College and western Placer County transit operators may be more useful. A reasonable scenario would be a pass program that provides free boardings on Roseville Transit and PCT to current students (showing a current student ID, or ultimately a Connect Card). The reduction in farebox revenue would be offset by funding generated by the campus. To determine the feasibility of this option, surveys would need to be conducted to help determine specific student travel patterns and interest in public transit. Next, the transit operators would need to negotiate with Sierra College an annual subsidy which is reasonable and meets the needs of all parties. College pass programs are typically financed by student fees or parking revenues.

Regional Day Pass

Currently, the three fixed route transit operators in western Placer County charge different fares, although there are free transfers between the different systems. Table 44 shows the different fare structures for each transit operator. Western Placer County communities focus on commercial services in Roseville and Rocklin. Therefore, it is not out of the question for someone to require travel on all three operators in one day. While the second leg of the journey would be covered by a transfer but the third leg would require purchasing a new fare. In an effort to make transferring more simple and seamless, a regional day pass could be implemented.

Many other areas, such as Sacramento, San Luis Obispo and King County, Washington have developed universal passes and fare revenue-sharing agreements so that riders can transfer between one system and another without having to pay a second fare. In the San Luis Obispo area, multiple transit agencies have coordinated to offer a universal pass to riders. The San Luis

Obispo Regional Transit Authority (RTA) coordinates with South County Transit, Paso Express, and San Luis Obispo Transit. Each system has different fare pricing; however, riders may purchase an one-day pass for \$5.00 which can be used on any of the four different systems. Likewise, there is a regional 31-day pass valid for rides on any of the four transit systems.

Internally, the agencies share revenues by calculating a fare-weighted ridership percentage for each system, and distribute collected pass revenues to each agency based on the percentage of fare-weighted ridership. Fare-weighted ridership is calculated by multiplying the number of pass-holding trips on each transit system by the average fare for that system (presumably the weighted average of adult, senior, and youth single-ride fares collected).

A reasonable regional day pass price for unlimited rides on the three Western Placer County transit operators would be around \$4.50. This represents a 10 percent discount to round trips on all three transit operators in one day (including free transfers).

Use of regional passes in similar systems indicate that actual usage would be low. The available survey data regarding the number passengers making multiple transfers indicates that use (and thus fare revenue impacts) would be small. However, this would be a step towards making the various western Placer County transit systems operate more effectively as a regional network.

MARKETING STRATEGIES

The City of Roseville will direct a future contract to research and develop an overall marketing and communications plan for Roseville Transit. The plan will identify target budgets for resources, and outline marketing, advertising, and public relations initiatives.

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This chapter focuses on the capital items needed to operate public transit, focusing on buses and bus stop facilities.



Zero Emission Bus Technology

Roseville Transit's fleet is currently a mix of diesel and gasoline fueled vehicles. The California Air Resource Board (CARB) is in the process of developing new regulations (the "Transit Fleet Rule") that are expected to ultimately require all public transit fleets in the state to use only Zero Emission Bus (ZEB) vehicles. ZEB technologies consist of Battery Electric Buses (BEBs) and hydrogen fuel cell buses. However, in 2009 staff concluded that the technology was not commercially ready and the Board directed staff to withhold the ZEB purchase requirement. Since that time CARB staff has been evaluating the commercial readiness of zero-emission technology. In 2015 staff concluded that the commercialization of ZEB technologies had advanced to the point where they may feasibly be incorporated into transit fleets. Staff is now in the process of proposing amendments to the Transit Fleet Rule. A draft proposal, called the Innovative Clean Transit Regulation is summarized below.

The regulation would apply to all public transit agencies that own, lease, or operate buses with a gross vehicle weight rating greater than 14,000 lbs. In the draft proposal, buses subject to the regulation include cutaway buses, transit buses (including bus rapid transit), articulated buses, double-deckers, commuter coaches, trolley buses and vintage trolley buses. Based on comments received on the draft, however, CARB staff has indicated that cutaway buses will not be included in the initial implementation requirement as there are currently no ZEB Altoona-tested⁷ cutaway vehicles and it is unclear when manufacturers may begin testing for zero-emission cutaways.

The following is a summary of the overall rule proposal. Fleet size would be based on the number of buses in the active fleet in 2019.

January 1, 2020

- Large transit fleets with 100 buses or more would need to:
 - Purchase 25 percent ZEB when bus purchases are made or implement an equivalent innovative zero emissions mobility program.
 - Purchase renewable fuels when diesel or natural gas contracts are renewed.
 - Report fleet-wide information for all modes and fuel purchases needed to evaluate their progress in meeting a fleet-wide performance-based goal.
- All transit agencies in more polluted areas of California would be required to purchase low NOx engines if available at the time of conventional bus purchases.

⁷ FTA regulations require all federally-funded transit vehicles models be tested in a facility located in Altoona, PA.

January 1, 2023

- The proposed concept would be expanded to include medium-size transit fleets with more than 30 buses.
- Affected transit fleets would need to meet a 50 percent ZEB purchase requirement.

January 1, 2026

- All transit fleets, including smaller transit systems would need to meet a 75 percent ZEB purchase requirement.

January 1, 2029

- All bus purchases would need to be ZEBs.

The purchase requirement applies at time of normal purchase and does not require any accelerated purchases. Transit agencies that make ZEB purchases before they are required by the regulation would generate a ZEB credit that could be banked and used for a future purchase date.

Staff is also proposing an “innovative zero emission” credit mechanism that would count towards the ZEB purchase requirement. Innovative zero emission mobility options are non-bus (nor fixed guideway) transportation services provided by the transit agency with lighter Zero Emission Vehicles (ZEVs) like micro transit, on-demand van or car transportation, or autonomous shuttle services. The transit agency would need to apply to the CARB Executive Officer to determine the appropriate credit amount for new and innovative services based on the details of the program. The credit would be provided in the form of a ZEB purchase credit where 350,000 zero emission passenger miles per year from the program would be deemed to be equivalent to purchasing a ZEB.

As noted above, CARB is currently in the process of meeting with transit agencies to understand the impacts of the proposed rule and to modify the rule as necessary. Another change under consideration is to allow each transit agency to develop and submit an individualized plan, approved by their board, for a transition to zero emissions, including their start date. Staff is interested in providing this flexibility but also wants to encourage near-term action. CARB staff plans to bring a proposed recommendation to the CARB board in June 2018.

With the exclusion of cutaway buses, Roseville Transit’s bus fleet consists of 29 large buses, just within the 30 bus criteria for a small-sized fleet. As such, the City is not required to be purchasing ZEBs until 2026 (under the current proposal). However, it is clear that operators of all transit fleets should be preparing for ultimately transitioning to ZEB fleets over time. Of the two ZEB technologies, by far the more prevalent option is Battery Electric Buses.

Battery-Electric Transit Vehicles

Technology and experience for battery-electric transit vehicles are still fairly new. Some larger transit systems and mid-sized system have purchased battery-electric buses, with many more on order. The closest existing BEB fleet to western Placer County is the 17 buses at the San Joaquin RTD system in Stockton. Recharging BEB's can either occur at the fleet operations facility (generally overnight using a slow charging station), or along the route at stops where at least 10 minutes of time are available (using an overhead fast-charging technology). As an example of cost, Marin County recently purchased two battery-electric vehicles for \$1.6 million. The cost includes purchase of the buses, GPS and fare collection equipment purchase and vehicle inspections.

Beyond the issue of cost, a key factor regarding battery electric buses is the potential range between charges. While buses with a range of 120-150 miles have been available for several years, some manufacturers have recently announced new technology that can operate up to 350 miles between charges – much more than Roseville Transit's daily mileage per bus. However, these claims do not reflect the requirements to also power onboard heating and cooling systems – an important consideration in Roseville's hot summers.

Vehicle Replacement

A review of Roseville Transit's vehicle fleet shows that the following buses will be eligible for replacement over the next seven years based on age:

- Currently eligible for replacement – 1 fixed route 28 passenger bus, 4 commuter buses, 3 DAR vehicles
- 2019 – 4 fixed route 29 passenger buses, 8 DAR vehicles
- 2021 – 7 commuter buses
- 2026 – 4 fixed route vehicles (CARB purchase rules apply)

In order to maintain a good working fleet with minimal maintenance costs, Roseville Transit should seek grant funding to replace vehicles according to the schedule above. By the end of the planning period, Roseville Transit should be purchasing ZEB vehicles in accordance with CARB regulations.

Bus Stop Improvements

Passenger facilities include all equipment and amenities that serve the passenger as they access the bus. This includes bus stop shelters, benches and signs, information kiosks, pedestrian crossing amenities and transfer centers. The quality of passenger amenities is a very important factor in a passenger's overall perception of a transit service. Depending on the trip, a

passenger can spend a substantial proportion of their total time using the transit service waiting at their boarding location. If this is an uncomfortable experience, if it is perceived to be unsafe, or if it does not provide adequate protection from rain and inclement weather, the bus stop can be the deciding factor regarding a potential passenger's use of the transit system.

A bus shelter is typically considered to be warranted at stops with a minimum of 10 passenger boardings per day⁸. A review of the existing location of shelters compared with observed passenger activity indicates that the following stops warrant a shelter:

- Woodcreek Northbound after Junction
- Pleasant Grove Westbound at Foothills

Passenger amenities should be replaced as need during the planning period. If an alternative with a new route alignment is chosen, bus stop signs and pullouts will need to be constructed.

While a Caltrans facility, the Taylor Road Park-and-Ride needs improvements. This is the single busiest commuter bus boarding location on the Roseville system (as well as the PCE system). In particular, a minimum of two large shelters should be provided, along with additional overhead street lighting.

The facilities provided at three of the four key hubs in the Roseville system (Civic Center, Galleria and Auburn/Whyte) are adequate and in good condition. Improvements would be beneficial at the Sierra Gardens Transfer Point. This location consists of a pull-out along the south side of Sierra Gardens Drive between North Sunrise Avenue and Santa Clara Drive, behind the Placer Village shopping center. It is provided with two bus shelters, and has adequate sidewalk width to accommodate wheelchair loading/unloading as well as sidewalk connections to other nearby destinations. The bay is adequate to accommodate up to three transit vehicles at a time (under the current schedule there are a maximum of two vehicles at this location at the peak times). The location is difficult to serve for buses traveling in the westbound direction. As a result, Route L serves a stop on the north side of Sierra Gardens Drive at Santa Clara Drive, 100 yards to the east. No passenger amenities are provided at this location. A 3-way Stop control of this intersection provides some protection to passengers walking between the bus stop locations. A deficiency of this overall location is that overhead lighting is not sufficient for the main stop (eastbound direction). In addition, a bus bench is warranted for the westbound stop. Construction of improvements at this is already scheduled for 2018.

⁸ For example, the transit design guidelines for the Sunline Transit Agency (California), El Dorado Transit (California), Regional Transit District (Colorado), Pima County (Arizona) and Denton (Texas) all cite 10 boardings per day as a standard for warranting a shelter.

This chapter presents the recommended work plan for Roseville Transit for the next 5-7 years. The work plan was developed in consideration of the identified goals and policies, and the information and analysis found in previous chapters and in the appendices. This chapter includes:



- Service Plan
- Capital Plan
- Financial Plan
- Institutional/Management Plan
- Implementation Plan

Figure 32 presents an overview of the plan.

SERVICE PLAN

This Service Plan presents a list of recommended service modifications for Roseville's Local Fixed Route, Commuter and Dial-a-Ride services. This plan also identifies service enhancements that may be implemented if additional transit funding becomes available. Table 46 summarizes the impacts of the Service Plan elements on service levels, ridership and costs.

Local Fixed Route Services

FR1. Revise Routes C/G/F/E/L

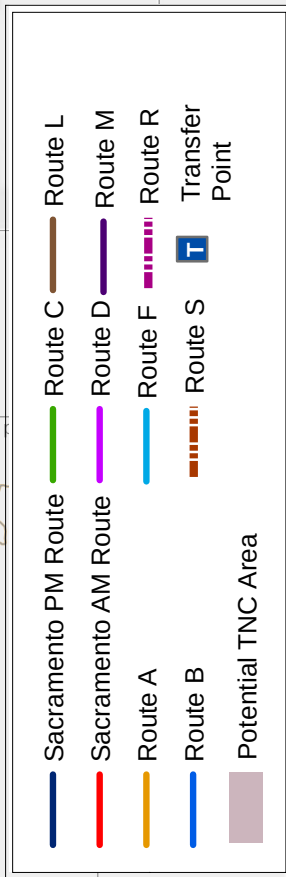
Description of Existing Service: Routes C/G/F/E serve southeastern Roseville and provide service to Sierra College, using one bus on a two-hour-long schedule. Route L serves east Roseville from the Civic Center Transfer Point to Sierra College Boulevard using one bus and a one-hour long schedule.

Issue: Ridership on routes C/G/F/E is very low (2.9 passengers per vehicle hour, which is only half of the local route systemwide average). In particular, the ridership generated by serving Sierra College is low (only 7 boardings and 7 alightings per day, or just over 1 passenger per trip) due in part to unproductive route segments along I-80 and Sierra College Boulevard. Ridership on Route L to the east of Eureka Boulevard is low with few boardings and alightings.

Recommendations: After a review of a wide range of alternatives as discussed in Chapter 8, two potential strategies are recommended for further consideration:



0 0.75 1.5 3 Miles



- OTHER ELEMENTS**
- Extend Saturday Service
 - Reduce Early Morning C, D, and M Service
 - Shift Route D and L Schedule
 - Eliminate Reverse Commute Runs
 - Commuter Service to Louis/ORlando
 - Eliminate Commuter Service to Maidu Park
 - Provide Mid-Day Commuter Run
 - Consider Commuter Service to Richards Blvd.
 - Adjust Commuter Schedules
 - Fleet Improvements
 - Battery Electric Bus Study
 - Bus Stop Improvements

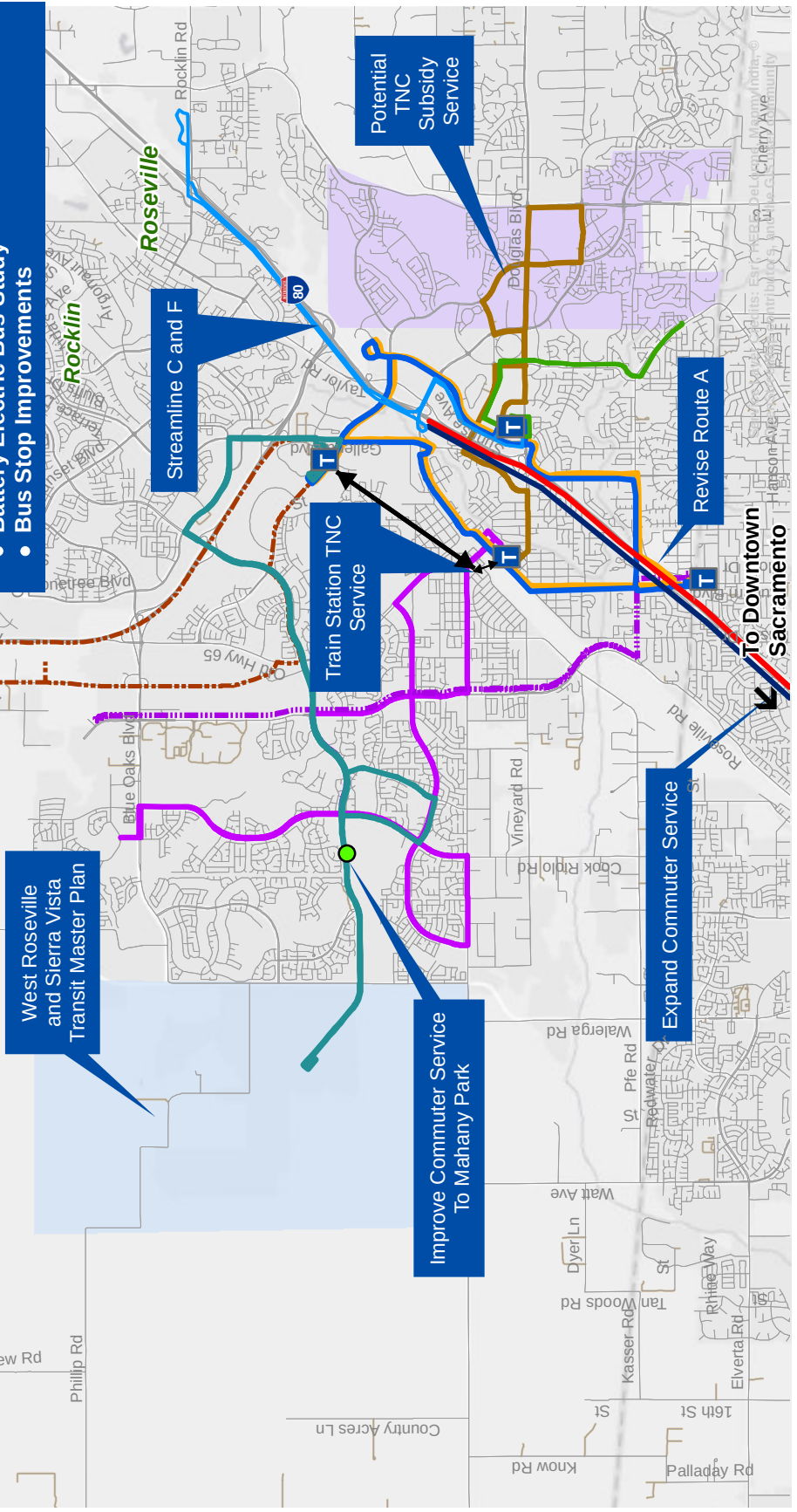


Figure 32
Roseville Transit Short Range Transit Plan

TABLE 46: Roseville Transit Short Range Transit Plan

Plan Element	Annual Quantities -- Change From Existing						
	Passengers	Vehicle-Hours	Vehicle-Miles	Operating Cost	Farebox Revenue	Operating Subsidy	Peak Vehicles
Local Fixed Routes							
<i>Existing Total</i>	192,701	32,753	470,644	\$3,435,382	\$402,432	\$2,720,651	10
Revise Route C/G/F/E ¹	5,400	0	-886	-\$1,100	\$11,200	-\$12,300	\$0
Eliminate First Hour of Rt D, C, G and M Wkdy Service	-1,900	-765	-12,801	-\$46,600	-\$3,900	-\$42,700	\$0
Extend Saturday Service Until 6 PM	2,200	260	3,422	\$16,000	\$4,600	\$11,400	\$0
Total Impacts of Service Modifications	5,700	-505	-10,266	-\$31,700	\$11,900	-\$43,600	\$0
Total With Service Modifications	198,401	32,248	460,378	3,403,682	414,332	2,677,051	10
<i>Percent Impacts of Service Modifications</i>	3.0%	-1.5%	-2.2%	-0.9%	3.0%	-1.6%	0.0%
Commuter Service							
<i>Existing Total</i>	137,102	6,327	242,187	\$837,296	\$666,287	\$171,009	9
Expand Capacity by 2 AM and 2 PM Runs	19,400	1,630	43,344	\$119,000	\$94,300	\$24,700	2
Improved PM Service to Mahany Park	8,100	126	2,344	\$7,900	\$39,400	-\$31,500	0
Eliminate Maidu Park, Add Louis/Orlando	3,000	-134	-1,109	-\$6,800	\$14,600	-\$21,400	0
Eliminate Reverse Commute Service	-400	-773	-10,080	-\$43,700	-\$1,900	-\$41,800	0
Mid-day Service	8,900	504	11,693	\$34,700	\$14,300	\$20,400	0
Total Impacts of Service Modifications	39,000	1,352	46,192	\$111,100	\$160,700	-\$49,600	2
Total With Service Modifications	176,102	7,679	288,379	\$948,396	\$826,987	\$121,409	11
<i>Percent Impacts of Service Modifications</i>	28.4%	21.4%	19.1%	13.3%	24.1%	-29.0%	22.2%
TOTAL Roseville Transit							
<i>Existing Total</i> ²	358,211	50,722	896,837	\$5,512,980	\$1,172,507	\$4,028,173	24
Total Impacts of Service Modifications	44,700	847	35,926	\$79,400	\$172,600	-\$93,200	2
Total With Service Modifications	402,911	51,569	932,763	\$5,592,380	\$1,345,107	\$3,934,973	26
<i>Percent Impacts of Service Modifications</i>	12.5%	1.7%	4.0%	1.4%	14.7%	-2.3%	8.3%
Note 1: While the plan includes options for either streamlined Route C/F service or a TNC subsidy program, the streamlined C/F option is reflected here in order to be conservative as it has the higher subsidy requirement.							
Note 2: Also includes DAR.							

- Modify routes C/G/F/E and L to eliminate unproductive segments and provide one-hour headways minimum – Figure 32 and Figure 23 in Chapter 8 show an example of how this could be accomplished. In this example, the existing bus could be used to operate a streamlined Route C and F, operating an hourly route connecting South Cirby Way with Sierra College via Sierra Gardens and I-80. Route L would also be realigned slightly to serve Sierra Garden in both directions, making better connections to other routes. The more consistent service would increase ridership (by 5,400, or 60 percent), and the shorter mileage would reduce operating subsidy (by \$12,300, or 7 percent).
- Eliminate routes C/G/F/E, modify route L and replace with TNC or Microtransit Service – The City could eliminate routes C/G/F/E and replace this service with a TNC subsidy program or Microtransit service (private or public). The TNC/Microtransit service would be provided in areas of the City previously served by routes C/G/F/E and L. This change

would eliminate Roseville Transit service to Sierra College and substantially reduce operating costs -- the cost savings of operating one less bus is anticipated to be larger than the TNC subsidy cost, leading to an overall cost savings of \$119,700 (31 percent of the existing C/G/F/E and L operating costs). A modest (2,900 passengers per year, or 9 percent) increase in ridership would occur, depending on the parameters of the TNC subsidy. This option could potentially be implemented as a demonstration project, as it would be a good candidate location to test the potential for TNC subsidy or microtransit service options to replace under-performing fixed route service.

There would be a wide range of policy issues that would need to be addressed in establishing a TNC/Microtransit program, including the appropriate area for trip origins, the appropriate area for trip destinations, the subsidy level, the hours/days the discount would be provided, program pre-approvals, and accessibility under the Americans with Disabilities Act and Title VI. This strategy would also raise questions of equity with other areas of Roseville not within the demonstration TNC area. The City should further pursue this option and address these policy questions. In the meantime, the streamlined Route C/F strategy discussed above would increase the productivity and performance of service in this area.

FR2. Extend the Saturday Span Of Service Until 6 PM

Description of Existing Service: The last runs of Saturday service depart around 4 PM.

Issue: The mobility of transit users is limited. Extension of Saturday service is a common passenger request and would provide more opportunity for employment, shopping and recreational trips on Saturdays.

Recommendation: It is recommended that one additional hour of service should be added to the routes operated on Saturday (A, B, D, L and M). This will increase ridership by 2,200 per year (1.1 percent) while increasing subsidy requirements by \$11,400 (0.5 percent).

FR3. Reduce Early Morning Weekday Service on Routes C, D, G and M

Description of Existing Service: Service on Routes C, D, G and M begin at 6:30am, 6:20am, 6:50 am and 6:30 am respectively each weekday morning.

Issue: The initial runs on Routes C, D, G and M have relatively low ridership (only one or two riders on each run) and are not cost-effective (requiring \$24.53 in operating cost per passenger).

Recommendation: If confirmed by review of additional ridership data, these initial runs should be eliminated in order to improve efficiency and provide funding for other transit improvements. Eliminating these initial runs will save \$42,700 in annual operating subsidy (6

percent over these routes), while reducing ridership by only an estimated 1,900 passenger-trips per year (3 percent).

FR4. Shift Route D and Route L 3 to 5 Minutes Earlier

Description of Existing Service: While schedules at other transfer locations are well-timed, some routes at Civic Center miss each other by a few minutes, resulting in long passenger waits between connecting buses.

Issue: Routes A and B are on-site at 10 and 40 after the hour, while Route D arrives at 13 after and departs at 20 after and Route L arrives at 15 after and departs at 25 after.

Recommendation: Route D schedules should be shifted 3 minute earlier and Route L schedules 5 minutes earlier. This will provide a schedule by which all four routes were at this location at 10 minutes after the hour (fully using the available four-bus bay capacity). This shift would not change transfer opportunities at Sierra Gardens on Route L. While this would shift other transfer opportunities (such as between Routes D and M along Pleasant Grove Boulevard), the passenger counts indicate very little transfer activity at these locations. Overall, this would not impact operating costs, and should result in a long-term modest growth in ridership.

FR5. Minor Modification of Route A to Improve On Time Performance

Description of Existing Service: Route A operates a large clockwise loop. At its southern end, it operates westbound on Orlando Way and then southbound on Auburn Boulevard to the Louis/Orlando Transit Center.

Issue: Route A operates six or more minutes behind schedule on 9 percent of runs, falling below the standard of being on time for at least 95 percent of the runs.

Recommendation: It is recommended that this route be realigned to use Orlando Way westbound between Cirby Way and the Louis/Orlando Transit Center, rather than the current route westbound on Cirby Way and southbound on Auburn Boulevard. While this will eliminate westbound service to the stop on Cirby Way at Cirby Hills Drive, this stop only serves 3 passengers per day and is within a reasonable walk distance of the stop on the east side of Riverside Avenue north of Cirby Way. The realignment, moreover, will save at least 2 minutes of running time each hour during busy periods, thereby benefitting all passengers by improving on-time performance. It will also allow new stops to be served at Merryhill School and Somerset Hills Apartments. Note that this strategy will require modifications to the existing raised median on Orlando Way at the northern entrance to the Transit Center, which will require review and approval by the City Traffic Engineer.

FR6. Additional Service to the Roseville Train Station.

Description of Existing Service: Capital Corridor currently provides train service to the Roseville Train Station, with one train departing Roseville for Sacramento and the bay area each morning,

and one train returning each evening. However, Roseville Transit fixed routes do not currently directly serve the Train Station.

Issue: While the demand for service to the station is currently modest, the planned expansion of *Capital Corridor* service will increase the importance of providing connecting service. Within the time frame of the SRTP, it is anticipated that Capital Corridor will expand service to the Roseville Train Station, adding 2 morning and 2 evening trains each weekday for a total of 3 trips morning and 3 evening. Beyond the 5-7 year horizon for this plan, Capital Corridor plans to increase the number of trips to 10 each morning and 10 each evening.

Recommendation: As discussed in Chapter 8, it is anticipated that the most effective means of serving the station would be to subsidize a discount code for TNC service (including potentially local cab companies) to provide trips between the Train Station and the Civic Center as well as the Galleria transit centers. To provide a \$1.25 cost to the passenger (consistent with the transit fare), the average subsidy would be on the order of \$5.50 to \$6.00 per trip. Ridership (and thus subsidy requirements) would depend on the level of train ridership, but is expected to be modest. The cost of this program could potentially be shared with the Capital Corridor JPA.

Dial-A-Ride Services

Chapter 8 includes a detailed review of the Roseville Transit Dial-A-Ride service. The review indicates that the service is overall going a good job of meeting its key goals of addressing the mobility needs of the community that cannot be accommodated on the fixed routes and providing a high quality of service. One option considered was the elimination of general public ridership on the DAR service. This would reduce the necessary vehicle-hours of service by three on weekdays, one on Saturdays and four on Sundays, resulting in a reduction in operating subsidy of \$36,300 per year. However, this would eliminate 5,000 passenger-trips per year, much of which consist of trips that cannot be made on the fixed-route service. Overall, allowing general public on the DAR was found to be consistent with adopted performance measures, and should not be eliminated. There were no further recommendations identified for Roseville Transit Dial-A-Ride service.

The Placer County Transit SRTP includes a recommendation for elimination of the PCT Dial-A-Ride and replacement with a TNC subsidy program (for persons able to use such as service) along with “contracting” with the City of Roseville to provide ADA paratransit service in Granite Bay. The City should work with Placer County to craft an agreement that provides this service in a manner that does not result in any net cost impacts to the City, or reduction in service quality to its residents.

Commuter Service

Roseville Transit’s Commuter service is a successful element of the overall transit program, carrying approximately 3 times as many passenger boardings per vehicle-hour as the local fixed

routes) and covering almost 80 percent of the operating costs through passenger revenues. There are a number of issues facing the service that are addressed by this plan, namely:

- Capacity constraints at peak times
- Demand increases associated with development of new areas of Roseville
- On-time performance challenges
- Desire for service to new areas.

CS1. Expand Commuter Service

Description of Existing Service: Roseville Transit currently provides commuter bus service to Downtown Sacramento, with ten buses departing Roseville for Sacramento each morning, and ten buses returning each evening.

Issue: Roseville Transit's commuter runs frequently run at or near the seating capacity: in the surveys conducted as part of this SRTP study, the PM Route 2 carried 46 passengers while the PM Route 4 carried 42. The passenger seating capacity of the largest buses in the fleet is 45. Other routes reach capacity on particular days. In addition to providing a poor ride experience for those passengers forced to stand, the potential that an individual passenger may not get a seat is a substantial disincentive to use a commuter transit service at all. It is important to avoid this perception by providing adequate capacity to ensure a seat in all but the most unusual periods.

Recommendation: Overall, the existing ridership data indicates the need to increase the service by at least one and ultimately two trips in each commute period per day for service between downtown and Roseville. While more detailed surveys of existing passenger should be conducted to define specific new schedules, available data indicates the following:

- In the AM period, the first priority would be a run departing Taylor/I-80 around 6:10 AM, followed by a run departing Taylor/I-80 around 6:30 AM.
- In the PM period, the first need is to provide additional capacity departing downtown around 3:30 to 3:45 PM, to Taylor/I-80. The second priority is to provide a run starting around 4:15 PM.

Two additional runs in each direction will increase operating costs by an estimated \$119,000 per year (or a 14 percent increase over the operating cost of the existing Commuter service). Ridership is forecast to increase by 19,400 per year (14 percent) once potential passengers are fully aware of the availability for additional capacity. The additional fare revenues will offset much of the additional costs, yielding an increase in annual operating subsidy requirements of \$24,700). While two additional buses will be needed at peak times, the purchase of three commuter buses is recommended to keep the commuter fleet spare ratio over the desired 20 percent level.

CS2. Eliminate Reverse Commute Runs

Description of Existing Service: The Roseville Commuter schedules include three “reverse commute” opportunities per commute period, providing service from downtown Sacramento to Roseville in the morning and return trips in the afternoon.

Issue: Ridership on these runs is very minimal (roughly 1 passenger per day over all runs), while costs are high (on the order of \$43,700 under the current service contract). This is primarily due to the dispersed nature of employment sites in Roseville, the presence of other public transit options to travel to Roseville, the limited housing in downtown Sacramento, and the challenges of traveling into downtown to access the reverse commute runs.

Recommendation: This service should be eliminated. This will reduce ridership by roughly 400 passengers per year, but reduce operating subsidy by an estimated \$41,800 (or 24 percent), at least in the short run. (In the long-run, the driver costs associated with the deadhead travel could be part of the bid rate in a future contract.) A total of approximately 400 passenger-trips would be eliminated (including passenger-trips on the opposite side of individual passenger round-trips). Including the loss of \$1,900 of passenger fares, this alternative would reduce operating subsidy by \$41,800 per year (or 24 percent).

CS3. Improve PM Service to Mahany Park

Description of Existing Service: Mahany Park is the primary park-n-ride lot in northwest Roseville for commuter service. Roseville commuter buses pick up at Mahany Park three times in the morning (AM 2, AM 3 and AM 9) and drop off at Mahany Park two times in the evening (PM 5 and PM 6).

Issue: The range of time when service is provided to Mahany Park is limited. Roseville Transit commonly receives passenger requests for additional service to/from Mahany Park, including the potential for direct service to/from downtown Sacramento.

Recommendation: As discussed in Chapter 8, providing a direct “express” runs to/from Mahany Park was found to not meet performance standards and is not recommended. However, additions to existing runs are recommended as follows:

- Passengers should be provided the opportunity to request service to Mahany Park on the PM Bus 1 and Bus 10 runs, both of which currently terminate at Saugstad Park. This will provide downtown departures at 3:31 PM and 5:26 PM, greatly expanding the afternoon schedule options.
- Service should also be provided to Mahany Park on demand at the end of the Bus 8 PM run, which currently terminates at Taylor/I-80. This will reduce the in-vehicle-travel time for passengers wishing to leave work around 4:30 PM from the current 1 hour 42 minutes (on Bus 9) down to 1 hour 3 minutes on Bus 8. In addition, this would allow PM

Bus 9 to terminate at Saugstad Park, as the Bus 8 service would be much more attractive to riders.

By adding to existing runs, the cost impacts of this strategy is relatively modest, at \$7,900 per year (1 percent). Ridership is forecast to increase by 2,500 per year (2 percent), generating farebox revenues that will more than offset the cost increases and thus will reduce overall operating subsidy requirements.

CS4. Consolidate Stop Locations in Southeast Roseville

Description of Existing Service: In southeast Roseville, commuter buses currently serve the Maidu Park, Cirby at Sunrise and Louis Orlando stops. These stops are located within 2.6 miles of each other. The City recently completed a new 39-space park-and-ride lot and other passenger amenities at the Louis/Orlando Transit Center.

Issue: Serving multiple nearby stops depart increases travel time for passengers. Two AM runs and two PM runs currently serve Maidu Park with a total of only 10 passenger-trips per day (or five round-trips) are served. Serving this stop incurs a cost of approximately \$7,000 per year. The Maidu Park lot has bike lockers that may serve commuters. Statistics are not available for the Cirby at Sunrise location, but this location is not an established park-and-ride lot, although the property owner has apparently been tolerant of commuter parking.

Recommendation: Either the Maidu or Cirby at Sunrise stops should be eliminated. Depending on the stop eliminated, passengers will need to drive from 1 to 3 miles further. However, this will reduce costs while being more convenient for most residents north of I-80.

CS5. Provide a Mid-Day Commuter Run

Description of Existing Service: The current Roseville Commute consists of ten morning commute runs (with a latest arrival in downtown Sacramento at 8:18 AM) and ten afternoon commute runs (with the first departure from downtown Sacramento at 3:31 PM), with no service in the mid-day period.

Issue: Provision of a mid-day commuter run is a common request among existing Roseville Transit commuter riders: of the 18 specific requests for additional runs out of the current span of service generated by the onboard surveys conducted for this SRTP, 7 were for mid-day service. Experience with the other Sacramento commuter service that offers mid-day service shows that passengers use the service to work half-days and to conduct personal errand or business downtown.

Recommendation: Provision of a mid-day round-trip (an 11:30 AM departure from the Galleria and return trip from downtown stops around 12:30 PM) is recommended as a lower priority. It will increase costs by an estimated \$34,700 per year (4 percent), while yielding an overall ridership increase of 8,900 (6 percent). Overall operating subsidy increase will total \$20,400, or

12 percent. While less productive than other improvements, this run will significantly increase the overall range of trip purposes and usefulness of the commuter service.

CS6. Consider Service to Employers North of Downtown

Description of Existing Service: The existing downtown stops are all in the downtown area south of the Union Pacific Railroad tracks.

Issue: The area north of downtown (around Richards Boulevard / 7th Street) is a growing employment area, including the new California Highway Patrol Headquarters building. Unlike other potential new employment centers in Sacramento, this area could be served at a relatively modest cost. Specifically, two AM runs could turn west on Richards Boulevard, south on 7th Street, and return east on B Street to 12th Street, adding 0.5 miles and approximately 2 minutes to the running time. In the PM, this area could be served on two runs prior to the existing stops (in order to minimize the impact on travel time for existing passengers). While impacts on operating costs would be low, whether serving this area would be a net benefit (considering the additional travel time) will depend on the specific commute patterns of this area.

Recommendation: City staff should contact the major employers in the area to determine (potentially through surveys) the residential location, commute times, parking availability, cost of parking, availability of employer-based commuter subsidies and the overall level of interest in service to this area. While there are common requests to provide direct Roseville Transit service to other employment centers in Sacramento, such as the Broadway corridor and UC Davis Health Center, providing service to new areas would incur substantial new costs for new routes or major route extensions. As ridership potential in these areas is much lower than in downtown (as these areas do not have paid parking or a high proportion of employers willing to subsidize transit fares), service to additional areas is not recommended.

CS7. Modifications to Improve On-Time Performance

Description of Existing Service: The Commuter Service schedules have been developed based on typical travel times over recent years.

Issue: At present, 29 percent of AM service operated 6 or more minutes behind schedule (up to 24 minutes late) and 46 percent of PM service operated late (up to 45 minutes late). Virtually all of this delay is generated by traffic delays along I-80 and/or the Capital City Freeway. This issue, of course, is regional in nature and far outside the capacity of the transit service to control.

Recommendation: To provide a schedule more in line with the realities of freeway congestion, it is recommended that 10 minutes be added to the schedule for AM Runs 3 to 10 and all PM runs. This will reduce the proportion of runs operating late by an estimated 15 percent, though many runs impacted by severe traffic delays would still be behind schedule, and other runs

would arrive ahead of schedule. Overall, this will help the reputation of the transit program regarding reliability. The impact of this additional scheduled time would be approximately \$31,000 per year, except that the City already pays for actual on-the-clock time generated by delays. The net result will be an increase in costs on the order of \$15,000 per year.

In addition, the City should eliminate or modify the existing strategy of operating PM Routes 3 and 10 with the same bus. At present, Route 10 can only serve departing downtown stops on time if the bus has already successfully negotiated the freeway corridor in both directions without encountering significant delays – an increasingly unlikely outcome. If it is not feasible to operate a second bus due to limited bus availability, moving the Route 3 departure time earlier by five minutes and Route 10 departure time later by five minutes would provide at least some additional ability to keep to schedule.

Finally, City and contractor staff should monitor changes in traffic delays on the Central City Freeway. With the completion of the “Across the Top” improvements on I-80 and the growth in congestion on the Capital City Freeway, drive times on the I-5 route can often be 15 minutes quicker. Caltrans plans, moreover, are more advanced to complete HOV lanes along I-80 and I-5 (including a freeway-to-freeway connection at the I-80/I-5 interchange) than they are along the Capital City Freeway. It is worth noting that the PCE service via this alternative route was observed (in the limited data collected as part of this SRTP) to be late a relatively low 15 percent of the time. This option would require reconfiguration of the downtown service route, but stops within a two block walk of all existing Roseville Transit stops could be easily provided.

CAPITAL PLAN

Fleet Improvements

The service plan will not change the number of buses needed to operate the Dial-A-Ride or local fixed route services, except if the TNC option is implemented the number of peak fixed-route buses in operation would be reduced by one. Three full-sized commuter buses will be needed to operate the additional Commuter runs. While in the short term these could potentially be leased, preferably Federal or state funding should be used to purchase these vehicle in the long term.

In addition, the following vehicles in the existing fleet will require replacement over the SRTP period:

- Currently eligible for replacement – 1 fixed route 28 passenger bus (01-377), 4 commuter buses (00-461 to 00-465), 3 DAR vehicles (11-460, 11-463, 11-473)
- 2019 – 4 fixed route 29 passenger buses (09-414, 09-416, 09-417, 09-419), 8 DAR vehicles (14-444 to 14-469)
- 2021 – 7 commuter buses (09-408 to 09-498)

Funding these vehicle purchases will require careful management of Federal, state and regional grant sources, as well as local capital reserves. Appendix C presents a full fleet inventory.

Regional Battery Electric Bus Readiness Study

The California Air Resources Board (CARB) is currently developing updates to the Transit Fleet Rule intended to reduce the greenhouse gas emissions of California's transit fleets. Current draft regulations would not require Roseville Transit bus purchases within the seven-year SRTP period to be Zero Emission Bus (such as Battery Electric Bus or "BEB") technology, reflecting the relatively small size of the fleet as well as the lack of BEB options for smaller capacity transit vehicles.

While BEB vehicles are not required to be implemented within the SRTP period, it is clear that this technology will be a requirement not long after 2025. Though BEB technologies are advancing rapidly, there are many factors that need to be evaluated before the right strategy can be identified, including the following:

- Appropriate charging technologies: slow charge (overnight in the storage yard) versus fast charge (at layover points along the routes).
- Impacts on existing maintenance/storage facilities.
- Impacts on transit centers.
- Operating range, particularly given the power demands of air conditioning, heating and climbing grades.
- Cost implications of charging during peak vs. off-peak periods.

Given that all western Placer County transit operators are facing these new requirements and that facilities at the transit centers (such as Galleria and Watt/I-80) could serve multiple transit systems, it would be most effective to address these issues through a "Regional BEB Readiness Plan"⁹. Roseville Transit should be an active part of this planning process. In particular, it would be useful to have a clear plan for BEB implementation by 2020, in time to inform the purchase of the five commuter replacement buses in 2022.

Passenger Facility Improvements

Providing attractive and comfortable bus stops is important in attracting and maintaining ridership. It is particularly important for sensitive populations, such as seniors or persons with disabilities to be provided with shelter from the weather and seating.

⁹ While Roseville has participated in a previous plan through the Sacramento Air District, this new study would focus on the specifics of BEB operations among the western Placer transit operations.

A review of the existing location of shelters indicates that the following stops warrant a shelter:

- Woodcreek Northbound after Junction
- Pleasant Grove Westbound at Foothills

Passenger amenities should be replaced as need during the planning period. New bus stops will need to be established southbound on Orlando Avenue between Cirby Way and Louis/Orlando Transit Center. Longer term changes to address development in West Roseville would also be accompanied by the need for new stops. In addition, the changes in commuter services will require the signing of a stop at the Louis/Orlando Transit Center, and potentially new stops in the Richards Boulevard area of northern Sacramento.

Improvements are also needed at the Taylor Road Park-and-Ride (owned by Caltrans), which is the busiest passenger location on both the Roseville Transit commuter service and Placer Commuter Express systems. Specifically, a minimum of two large shelters should be provided (with a total covered area of approximately 240 square feet and seating for 24), along with additional overhead street lighting. Siting and design of these improvements will need to address utility line easements. The City should work with Caltrans to implement these improvements.

There is also a need for improvements to the Sierra Gardens Transfer Point, which the City is in the process of implementing.

FINANCIAL PLAN

Overall Financial and Ridership Impact

As shown in Table 44, the overall impact of this plan will be to increase operating costs by \$79,400 per year (or 1.4 percent)¹⁰. Ridership will increase by 44,700 annual boardings (or 12.5 percent) per year. This ridership increase (particularly on the commuter service) will increase farebox revenues by \$172,600 (14.7 percent) per year. As a result, the overall impact of the plan on the need for operating subsidy funding is a decrease of \$93,200 (or 2.3 percent).

It is worthwhile to review these financial impacts for the local fixed route and the commuter services:

- The **local fixed routes** operating costs will be reduced overall by \$31,700 per year (0.9 percent). A 3.0 percent (5,700 passengers per year) ridership increase will generate a 3.0 percent increase in farebox revenues (\$11,900 per year), resulting in a \$43,600 overall decrease in operating subsidy requirements (1.6 percent).

¹⁰ Note that the more conservative option (the streamlined Route C/F option, with higher costs) is assumed regarding the eastern Roseville service.

- The **commuter service** will have a total increase in operating costs of \$111,100 per year, or 13.3 percent. Ridership is forecast to grow by 39,000 (28.4 percent), yielding a \$160,700 increase in farebox revenues (24.1 percent). On balance, operating subsidy requirements will be decreased by \$49,600.

Given these figures, it is expected that operating funding can be provided through existing funding sources, notably Local Transportation Funds and State Transit Assistance funding. However, it is important to note that there are always uncertainties in the ongoing provision of State and Federal funding sources that may require additional local funding sources over the course of this SRTP period.

Depending on propulsion technology and other vehicle attributes, the total costs for vehicle purchases over the next seven years will be on the order of \$15 Million to \$18 Million. Potential funding sources include:

- FTA Bus and Bus Facilities Infrastructure Investment Program
- FTA 5309 Capital Investment Grants
- FTA Congestion Mitigation and Air Quality Program
- FTA 5339(a) Grants for Buses and Bus Facilities Program
- FTA 5339 (c) Low or No Emission Vehicle Program
- California Proposition 1B Transit Capital Program
- Sacramento Emergency Clean Air & Transportation Grant Program

Participate in a Regional Day Pass Program

Surveys conducted as part of this SRTP indicate that 14 percent of Roseville Transit local route riders also use other transit services as part of their overall trip. A trip from a neighborhood in Auburn to a medical office in Roseville, for example, can require traveling on Auburn Transit, PCT and Roseville Transit. Even though transfers are available to passengers on their first boarding, a second transfer and the need to understand various fare programs to complete such a trip tends to discourage residents from using transit. A regional day pass program, priced at \$4.50 for general public and \$2.25 for seniors, youth and persons with disabilities should be established that allows for all-day boardings on Auburn Transit, PCT and Roseville Transit local fixed route services. While in the short term this is expected to have a negligible impact on overall ridership and fare revenues, over the longer term it would encourage the growth of longer regional trips via transit. Tracking the passes sold and passenger boardings on each system would allow the operators to “settle up” on a monthly basis to ensure that the revenues are distributed equitably.

Investigate Sierra College Student Pass Program

Pass programs that provide “free” transit boardings for college students in exchange for a per-pupil fee are increasingly common across California and the nation. The Sierra College Rocklin campus is well-served by public transit, and faces parking issues as student population grows.

The City of Roseville should participate in discussions with Placer County and PCTPA regarding the potential for a student pass program. The transit operators would then need to negotiate with Sierra College to identify an annual subsidy which is reasonable and offsets the expected loss of passenger revenue. If pursued, a college pass program should become part of the Connect Card options.

Promote Use of the Connect Card

The greater Sacramento Region's transit operators have invested a great deal of effort in the development and deployment of a region-wide "Connect Card" that provides a convenient means of purchasing fares and boarding transit services throughout the region. This consists of a "reloadable" card that is valid for the major transit services throughout the region (including Roseville Transit and PCT). Roseville should continue its efforts to promote the use of the Connect Card. This could ultimately allow the reduction in the number of multiday/multiride pass options, simplifying the management and accounting of the Roseville Transit fare media.

INSTITUTIONAL/MANAGEMENT PLAN

This plan includes no recommended changes to the institutional structure of Roseville Transit. Management through City staff and service provision through a private contractor allows the transit program to take advantage of the larger Public Works Department, allows the transit management staff to be relatively "lean" (compared to a separate transit organization), provides specialized transit operations expertise in a cost-effective manner through the contractor staff, and minimizes overall costs of service.

Updated Standards

Table 27 in Chapter 7 presents recommended revisions to the Roseville performance standards that can encourage improvements in efficiency and effectiveness and that better reflect the realities of the transit "markets" served by the organization. Adoption of these updated standards is recommended.

Marketing Strategies

Roseville Transit benefits from a wide range of high-quality marketing materials (schedules and brochures) as well as an attractive and effective website. The only recommendation is that schedules should show service times for additional stops. For instance, the Route D schedule only shows times for two stops over the course of the hour-long route, which gives riders little information about when to arrive at a particular stop. A typical rule of thumb is to provide a scheduled time roughly every five stops.

The growth of social media has increased the ability to provide targeted marketing campaigns to promote specific transit services. For instance, popular social media platforms allow a transit agency to provide ads only in specific geographic neighborhoods, or to persons of particularly

demographics that may be more likely to make use of a new service. In light of the variety of Roseville services, the ability to target limited advertising dollars to high-potential new riders is a key benefit.

The commuter service could benefit from a joint marketing program between PCE and the Roseville commuter service. Data presented in this document reflects that many residents of all portions of western Placer County choose between the two commuter transit programs. The fact that an individual passenger could use the “other” service when circumstances require (such as a work assignment running late) is a potential strength of the two services that is not currently capitalized. Joint marketing of the two commuter bus programs should marketing of a website and phone number where joint information of the two programs can be obtained. Note that this would not include joint branding.

Planning for Transit Service in Developing Areas

The West Roseville and Sierra Vista areas will merit focused a detailed transit master planning processes during the course of this SRTTP plan period. While general land uses and policies have been defined for these areas (including the need for transit services and the provision of funding strategies for transit), specific routes, stops and schedules will depend on more detailed planning to be developed over the next several years. Once this detail is available, transit master planning for these areas should be conducted. An additional route into the area along the Blue Oaks Boulevard corridor (as discussed in Chapter 8) will ultimately be warranted.

IMPLEMENTATION PLAN

The following is a “to do” list that can be initiated immediately to start implementation of this plan.

Near Term

- Investigate TNC service options, and develop policies with regards to provision of such services
- Extend the Saturday span of service Until 6 PM
- Reduce early morning weekday service
- Shift Route D and Route L 3 to 5 minutes earlier
- Realign Route A on Orlando Avenue
- Improve PM commuter service to Mahany Park

- Replace the Maidu Park commuter service stop with service to the Louis/Orlando Transit Center
- Eliminate reverse commute service
- Modify commuter schedules to better reflect realistic travel times
- Contact employers in Richards Boulevard area (and potentially conduct employee surveys) to identify the potential for commuter service
- Conduct passenger surveys regarding mid-day commuter service
- Purchase necessary replacement vehicles
- Begin grant and procurement process for three additional commuter buses
- Participate in a regional Battery Electric Bus Readiness Study
- Continue ongoing bus stop improvement program
- Participate in discussions regarding a regional day pass program and Sierra College student pass program

Mid-Term

- Provide TNC Subsidy for Trips Between the Roseville Train Station and nearby Transit Hubs
- Expand Commuter Service
- If vehicle availability allows, operate PM Routes 3 and 10 with different buses
- Purchase seven replacement commuter buses
- Initiate mid-day Commuter Service
- Continue ongoing bus stop improvement program

Long-Term

- Procure five new DAR vehicles in 2025
- Review delays on Capital City Freeway and review the Commuter Service route

- Continue ongoing bus stop improvement program
- Prepare transit master plan for the West Roseville area
- Purchase four replacement fixed route vehicles



TRANSPORTATION COMMISSION COMMUNICATION

Title: Roseville Short Range Transit Plan 2018-2025 (ACTION REQUIRED)
Contact: Eileen Bruggeman, ebruggeman@Roseville.ca.us, (916) 774-5449

Meeting Date: 2/19/2019
Item #: 6.2.

RECOMMENDATION

Staff requests that the Transportation Commission:

- Accept the staff report on the *Roseville Short Range Transit Plan 2018-2025*;
- Accept public comments; and
- Provide City Council recommendation for adoption.

BACKGROUND

The Roseville Transit Short Range Transit Plan 2018-2025 (SRTP) provides a multi-year plan for operations and capital investment strategies to better address changing transit needs. The contents of the SRTP include:

- Executive Summary (Pages E1-E6)
- Chapter 1-6 - Intro & Existing Conditions
- Chapter 7 - Goals, Objectives and Performance Standards
- Chapters 8-10 - Alternatives considered
- Chapter 11 - Recommended Short Range Transit Plan (The Service Plan)

Existing Conditions

The SRTP notes that, as with most transit agencies nationwide, Roseville Transit has experienced ridership declines over the past few years. Some of the reasons may include:

- Continued low gas prices
- Strong economic conditions allow for increased car ownership and use
- Increased mobility choices offered by Transportation Network Companies (TNC) such as Uber/Lyft

The SRTP also recognizes changes in the regulatory landscape for transit agencies. These changes include new federal and state requirements for transit. An example is the California Air Resources Board Transit Fleet Emissions Rule (adopted December 2018) that will require all public transit agencies to transition to zero emission fleets beginning with new bus purchases in 2026.

Performance Standards

Chapter 7 provides an updated list of performance standards that provide quantifiable means to assess system performance. Table 27 (pages 86-87) shows existing and updated standards. The updated standards are based on analysis of applicable laws, performance history and peer transit operator performance (peer review provided in Tables 22, 23 and 24). Following adoption by City Council, the updated standards will be used in the semi-annual transit performance reports, and will be the basis of evaluation in the next PCTPA conducted triennial performance review currently in process.

Service Plan

The SRTP evaluates a range of operational, capital, financial and management alternatives for Roseville Transit in Chapters 8-10. The alternatives are evaluated for their potential to provide needed mobility services while effectively & efficiently using the limited resources available to Roseville Transit. Effectiveness and efficiency are measured by looking at how the various alternatives would influence ridership, fare box revenue, operating costs, and operating subsidy. The end result of this evaluation is the Service Plan contained in Chapter 11 and summarized below:

Local Service: The public survey for the SRTP (Chapter 5) identifies the following key information relevant to local service:

- Passengers using Local service are primarily a workforce ridership, with fairly consistent use of the service (90% of survey respondents use the bus at least 2 days a week).
- One-third of the respondents do not possess a driver's license, down from 60% in a 2010 survey.
- Nearly half of the respondents thought that increasing the frequency of service for Local services would draw more ridership.
- Other common suggestions included increased service to West Roseville and East Roseville, on-board Wi Fi, and better transfers.

Based upon the above factors and the alternatives analysis contained in Chapter 8, the recommended local service changes identified in Chapter 11 (Table 46, page 157) include:

- Modify Routes C/G/F/E/L – The SRTP Service Plan provides several options for modifying these routes. The options include:
 1. Remove unproductive segments and provide minimum 1-hour frequency of service (headway), including potential for eliminating service to Sierra College in Rocklin.
 2. Eliminate routes G/F/E, combine routes C and L, and offset the loss of service in east Roseville through a service agreement with a TNC or microtransit service similar to the app-based SmaRT ride program offered by Sacramento Regional Transit or the Via On-demand Rideshare program offered in West Sacramento.
 3. Extend Saturday service until 6pm. Eliminate the 1st hour of service on Routes D, C, G and M on weekdays.
 4. When Capitol Corridor service expands, add local service to the Roseville Train Station.

The SRTP indicates that the above changes are all anticipated to have the benefit of reducing vehicle hours, miles and operating costs, while increasing ridership and fare revenue. With that said, it should be noted that the use of TNCs for transit purposes is an emerging field and the true costs TNCs are still being evaluated by pilot programs such as the Via Rideshare and SmaRT ride programs. For these reasons, we recommend that Roseville Transit further investigate these and other potential improvements to routes C/G/F/E/L through a comprehensive local transit route enhancement project that would begin in the next fiscal year. Staff will present a work plan for that project to the Transportation Commission at a future meeting.

Commuter Service: The public survey for the SRTP (Chapter 5) identifies the following key information relevant to local service:

- 90% of respondents use the service 2 to 5 days a week.
- 96% of responding commuters have a driver's license.
- 54% of responding commuters drive to the bus boarding stop, 39% walk to their boarding stop, and less than 5% got a ride, transferred from a Local route, or rode their bike to the bus stop.
- Common suggestions included: Increase service frequency (51%); provide service to new areas (32%), and; add a mid-day commuter run.

Based upon the above factors and the alternatives analysis contained in Chapter 8, the recommended commuter service changes identified in Chapter 11 (Table 46, page 157) include:

- Expand capacity by adding two (2) runs in the morning, and two runs in the afternoon;
- Eliminate reverse Commuter service (where the contractor is paid to carry passengers traveling in the reverse direction, such as going from Roseville to Sacramento in the afternoon);
- Increase service to the Mahany Park pick up;
- Eliminate service to Maidu Park, while increasing service to the newly constructed park-and-ride lot at Louis Orlando Transit Center; and
- Add a mid-day run from Sacramento to Roseville.

The proposed addition of commuter routes will require additions to the commuter fleet that will take 2-3 years to accomplish. Without fleet additions new commuter routes could not be added without significantly affecting commuter service reliability. We believe that the adjustment to Roseville commuter stop locations should include additional consideration of vehicle hours, availability of park-n-ride spaces, accessibility to freeways, proximity to other commuter stops, and reliability. Such an analysis could lead us to modify the SRTP's recommendations for stop locations.

Given the above, we anticipate pursuing the commuter changes in phases. A work plan for the commuter changes will be presented to the Commission at a future meeting.

Dial-A-Ride Service (DAR): DAR is a shared ride, advance reservation-based bus service operating within the city limits of Roseville for any trip purpose. The existing Dial-A-Ride (DAR) service is provided as both general public and Americans with Disabilities Act (ADA) Paratransit service (complement to Local service available to individuals with disabilities preventing them from using Local bus service). The alternatives analysis on p. 143-145 evaluates existing conditions and the potential to modify DAR by eliminating general public service. However, the SRTP concludes that the DAR system provides a high quality of service that meets performance measures, has a high customer satisfaction ranking, and provides a needed mobility option that includes service on Sundays when our local service does not operate. As a result, the SRTP recommendation is to continue the DAR service as it exists.

It was noted in the Roseville SRTP that the Placer County SRTP includes a recommendation for elimination of the Placer County Transit DAR service, with replacement with a TNC subsidy program along with contracting with Roseville Transit to provide ADA paratransit service in Granite Bay. Further analysis and coordination would be required. An agreement would need to be structured to ensure that if Roseville were to provide paratransit service in Granite Bay it would not result in net cost impacts to the City, or reduction in service quality to its residents.

Other Considerations: The SRTP evaluated our existing fare structure and marketing programs in Chapter 9. Roseville's local fares are less expensive than Sacramento Regional Transit (as recently lowered by RT in 2018), but are higher than Placer County Transit and Auburn Transit. The SRTP does not recommend any modifications to the local service fares, except for how we define the age for children who ride free, which they indicate should be raised to 5 and under (from 4 and under) to be consistent with Placer County Transit and Auburn Transit. It should be also be noted that the consultant recommends that Auburn Transit and Placer County Transit local service fares be increased to match Roseville's fares.

Roseville's resident commuter fares are lower than most regional operators including Placer County Transit, but our non-resident fare is slightly higher than Placer County Transit. The consultant noted that aligning our fares with Placer County Transit is an option to simplify customer information and fare collection. The report notes that this would likely result in reduced passenger trips and fare revenue and, as a result, does not recommend any changes to the commuter fare structure.

The SRTP (p. 169) notes that Roseville Transit has attractive, effective and high-quality marketing materials, and that we have plans to develop an overall transit marketing plan. However, the SRTP recommends that we consider additional "timed" stops in our transit guides and that we consider joint commuter service marketing opportunities with Placer County Transit. We will consider these recommendations as we update our local and commuter service plan updates.

Next Steps: Following City Council adoption of the SRTP staff will pursue further analysis of the recommendations based on direction received from the Transportation Commission and City Council regarding timing and prioritization of the recommendations. Major changes will require, in some cases, coordination with adjacent transit operators, potential policy changes, additional public participation and input, budgeting of staff and

financial resources, and approval by the Transportation Commission and, in some cases, the City Council. After adoption by the City Council, we will return to the Transportation Commission with a work plan inclusive of public outreach identified for Local and Commuter improvements.

Respectfully Submitted,

Eileen Bruggeman, Alternative Transportation Analyst

Jason Shykowski, Acting Public Works Director

ATTACHMENTS:

Description

[Roseville Short Range Transit Plan 2018-2025](#)



COUNCIL COMMUNICATION

CC #: 9989

File #: 0206-03-01

Title: Sierra Vista Specific Plan Westpark-Federico - Resolution of Intention to Annex Into Community Facilities District No. 3 (Municipal Services) Annexation 21

Contact: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.15.

RECOMMENDATION TO COUNCIL

It is recommended that Council adopt a Resolution of Intention to Annex Territory to Community Facilities District No. 3 and to Authorize the Levy of Special Taxes Therein City of Roseville Community Facilities District No. 3 (Municipal Services) Annexation 21 (SVSP Westpark-Federico)

It is also recommended that Council set Wednesday, June 5, 2019, at 6:00 pm, or as soon as possible thereafter, in the Roseville City Council Chambers at 311 Vernon Street, Roseville, California, as the time and place to conduct a public hearing on the annexation.

BACKGROUND

Prior to the issuance of the first residential building permit (excluding model homes), the landowner is obligated to annex into Community Facilities District No. 3 (Municipal Services) (CFD No. 3) per the 'Development Agreement By and Between the City of Roseville and Westpark Federico, LLC, Mourier Investments, LLC and Federico-Tyler Family Limited Partnership Relative to the Sierra Vista Specific Plan'.

The property is being annexed into CFD No. 3 in order to offset the property's impact on the City's General Fund resources available to pay for municipal services citywide, including the annexation area.

FISCAL IMPACT

The annexation into CFD No. 3 helps offset the property's impact on the City's General Fund resources available to pay for municipal services and therefore will not negatively impact the General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

The annexation into the Municipal Services CFD will not affect the amount of jobs created in the City.

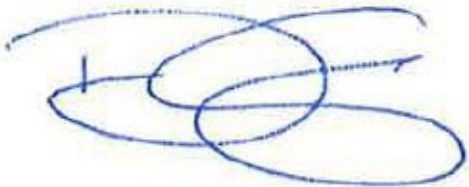
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061 (b)(3)). The approval of the resolution does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Jeannine Thrash, Administrative Analyst

Dennis Kauffman, Chief Financial Officer



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-185

Boundary map

CITY COUNCIL OF THE CITY OF ROSEVILLE

RESOLUTION NO. 19-185

**A RESOLUTION OF INTENTION TO ANNEX TERRITORY
TO COMMUNITY FACILITIES DISTRICT
AND TO AUTHORIZE THE LEVY OF SPECIAL TAXES THEREIN**

**CITY OF ROSEVILLE
Community Facilities District No. 3
(Municipal Services)**

Annexation No. 21 (SVSP Westpark-Federico)

WHEREAS, the City Council (the "Council") of the City of Roseville (the "City") has conducted proceedings to establish Community Facilities District No. 3 (Municipal Services) (the "CFD") pursuant to the Mello-Roos Community Facilities Act of 1982, as amended (the "Act"), Chapter 2.5 of Part 1 of Division 2 of Title 5, commencing at Section 53311, of the California Government Code; and

WHEREAS, under the Act, this Council, as the legislative body for the CFD, is empowered with the authority to annex territory to the CFD, and now desires to undertake proceedings to annex territory to the CFD.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ROSEVILLE RESOLVES
AS FOLLOWS:**

1. Findings. This Council hereby finds and determines that public convenience and necessity require that territory be added to the CFD.

2. Territory Described. The name of the existing CFD is "City of Roseville Community Facilities District No. 3 (Municipal Services)." The territory originally included in the existing CFD is set forth in the map of the CFD heretofore recorded in the Placer County Recorder's Office on August 18, 2004, in Book 3 at Page 41 of Maps of Assessment and Community Facilities Districts, to which map reference is hereby made, as such map has been supplemented in connection with subsequent annexations.

The territory now proposed to be annexed to the CFD is as shown on the Annexation Map for the captioned Annexation No. 21 (SVSP Westpark-Federico) to the CFD, on file with the Clerk, the boundaries of which territory are hereby preliminarily approved and to which map reference is hereby made for further particulars. The City Clerk is hereby directed to cause to be recorded such Annexation Map, showing the territory to be annexed, in the office of the County Recorder of the County of Placer within 15 days of the date of adoption of this resolution.

3. The Services. The types of public services financed by the CFD and pursuant to the Act consist of those services (the "Services") as described in Exhibit B to the Resolution of Formation with respect to the CFD adopted by the Council as Resolution No. 04-426 on September 15, 2004 (the "Resolution of Formation"). It is presently intended that the Services

will be provided, without preference or priority, to the existing territory in the CFD and the territory proposed to be annexed to the CFD.

4. Special Tax. Except to the extent that funds are otherwise available to the CFD to pay for the Services, a special tax sufficient to pay the costs thereof is intended to be levied annually within the CFD, and collected in the same manner as ordinary *ad valorem* property taxes.

The special tax proposed to pay for Services to be supplied within the territory proposed to be annexed will be equal to the special taxes levied to pay for the same Services in the CFD, except that a higher or lower tax may be levied within the territory proposed to be annexed or to be annexed in the future to the extent that the actual cost of providing the Services in that territory is higher or lower than the cost of providing those Services in the CFD.

The proposed rate and method of apportionment of the special tax among the parcels of real property within the CFD, as now in existence and following the annexation proposed herein, in sufficient detail to allow each landowner within the territory proposed to be annexed to the CFD to estimate the maximum amount such owner will have to pay, are described in the Resolution of Formation.

5. Hearing. Wednesday, June 5, 2019 at 6:00 p.m. or as soon as possible thereafter, at the City of Roseville Civic Center Council Chambers located at 311 Vernon Street, Roseville, California 95678, be, and the same are hereby appointed and fixed as the time and place when and where this Council, as legislative body for the CFD, will conduct a public hearing on the matters described in this Resolution.

6. Notice. The City Clerk is hereby directed to cause notice of said public hearing to be given by publication one time in a newspaper of general circulation in the area of the CFD, including the area to be annexed to the CFD. The publication of said notice shall be completed at least 7 days before the date herein set for said hearing. The City Clerk may also cause a copy of such notice and a copy of this Resolution to be mailed to each landowner within the territory proposed to be annexed, which notice and resolution shall be mailed at least 15 days before the date of said hearing. Such notice shall be substantially in the form specified in Section 53339.4 of the Act, with a summary form specifically authorized.

7. Effective Date. This Resolution shall take effect upon its adoption.

* * * * *

I hereby certify that the foregoing Resolution was duly adopted by the City Council of the City of Roseville, California, at a regularly scheduled meeting thereof, held on the day of _____ 20_, by the following vote of the City Council:

AYES: COUNCILMEMBERS
NOES: COUNCILMEMBERS
ABSENT: COUNCILMEMBERS
ABSTAIN: COUNCILMEMBERS

Mayor

ATTEST:

City Clerk

EXHIBIT A

CITY OF ROSEVILLE COMMUNITY FACILITIES DISTRICT No. 3 (MUNICIPAL SERVICES)

RATE AND METHOD OF APPORTIONMENT OF SPECIAL TAX

A Special Tax applicable to each Assessor's Parcel in Community Facilities District No. 3 (Municipal Services) [herein "CFD No. 3"] shall be levied and collected according to the tax liability determined by the City Council, acting in its capacity as the legislative body of CFD No. 3, through the application of the appropriate Special Tax rate, as described below. All of the property in CFD No. 3, unless exempted by law or by the provisions of Section E below, shall be taxed for the purposes, to the extent, and in the manner herein provided.

A. **DEFINITIONS**

The terms hereinafter set forth have the following meanings:

"Acreage" or "Acre" means the land area making up an Assessor's Parcel as shown on an Assessor's Parcel Map, or if the land area is not shown on an Assessor's Parcel Map, the land area shown on the applicable final subdivision map or other parcel map recorded at the County Recorder's Office.

"Administrative Expenses" means the costs incurred by the City to determine, levy and collect the Special Tax, including salaries of City employees and fees of consultants and the costs of collecting installments of the Special Taxes upon the general tax rolls; preparation of required reports, and any other costs required to administer the CFD as determined by the Finance Director.

"Administrator" means the person or firm designated by the City to administer the Special Taxes according to this Rate and Method of Apportionment of Special Tax.

"Affordable Housing Director" means, at any point in time, the person within the City who services as head of the department that is in charge of the City's affordable housing program.

"Affordable Unit" means a Unit built on a Parcel for which an Affordable Purchase Development Agreement or similar agreement has been recorded on title of the property designating the Unit as affordable (as determined by the City) and resulting in a deed of trust on the Parcel in favor of the City. The City's Affordable Housing Director shall determine which Units are designated as Affordable Units and maintain an Affordable

Unit Listing which shall contain all designated buildable parcels by tract and lot number. The Affordable Unit Listing shall also be updated to reflect those Units no longer qualifying as Affordable Units, also known as Market Rate Units. The Affordable Unit Listing, which shall contain all qualifying Affordable Units as of April 30, shall be made available to the Administrator by July 1 of each year for purposes of determining the Maximum Special Tax for Parcels pursuant to Section C.

“Affordable Unit Assignment” means a reduction in the Maximum Special Tax for a Parcel due to the assignment of an Affordable Unit(s) to the Parcel.

“Annual Tax Escalation Factor” means an annual increase in the Maximum Special Tax following the Base Year in an amount equal to the lesser of: (i) the combined percentage increase, if any, in the City of Roseville General Fund Operating Budget for police and fire services, or (ii) four percent (4%).

“Assessor’s Parcel” or **“Parcel”** means a lot or parcel shown in an Assessor’s Parcel Map with an assigned Assessor’s Parcel number.

“Assessor’s Parcel Map” means an official map of the County Assessor designating parcels by Assessor’s Parcel number.

“Authorized Services” means the public services authorized to be funded by CFD No. 3 as set forth in the documents adopted by the City Council when the CFD was formed.

“Base Year” means Fiscal Year 2009-10.

“City” means the City of Roseville.

“City Council” means the City Council of the City of Roseville, acting as the legislative body of CFD No. 3.

“County” means the County of Placer.

“Developed Property” means, in any Fiscal Year, both of the following:

- For Condominium Conversion Parcels, all individual Units for which an escrow has closed prior to June 30 of the preceding Fiscal Year; and
- All other Parcels of Taxable Property within the CFD for which a use permit or building permit for new construction of a residential or non-residential structure was issued prior to June 30 of the preceding Fiscal Year.

“Finance Director” means the Finance Director for the City of Roseville or his or her designee or successor.

“Fiscal Year” means the period starting on July 1 and ending on the following June 30.

“Land Use Designation” means the land use designated to be built on a particular Parcel based on reference to an adopted community plan or specific plan or, to the extent that such a plan has not been approved for a Parcel, to the City’s general plan.

“Market Rate Unit” means a Unit that is not an Affordable Unit.

“Multi-Family Property” means, in any Fiscal Year, all Parcels in CFD No. 3 for which a building permit was issued or may be issued for construction of a residential structure with multiple units that share common walls, all of which are offered for rent to the general public.

“Maximum Special Tax” means the maximum Special Tax determined in accordance with Section C below that can be levied on Taxable Property in any Fiscal Year.

“Public Property” means any property within the boundaries of CFD No. 3 that is owned by the federal government, State of California, County, City, or other public agency.

“Single Family Attached Property” means, in any Fiscal Year, all Parcels in CFD No. 3 for which a building permit was issued for construction of a residential structure consisting of two or more Units that share common walls and are offered as for-sale Units, including such residential structures that meet the statutory definition of a condominium contained in Civil Code Section 1351.

“Single Family Detached Property” means, in any Fiscal Year, all Parcels in CFD No. 3 for which a building permit was issued for construction of a Unit that does not share a common wall with another Unit.

“Special Tax” means any tax levied to pay for Authorized Services.

“Taxable Property” means all Assessor’s Parcels within the boundaries of CFD No. 3 which are not exempt from the Special Tax pursuant to law or Section E below.

“Unit” means an individual single-family detached unit or an individual residential unit within a duplex, triplex, fourplex, townhome, condominium, or apartment structure.

“Zoning Designation” means, for a particular Parcel, the designation of zoning for the Parcel based on the zoning map symbols set forth in the City’s zoning ordinance or, if the designation is inconsistent with the City’s zoning ordinance, as determined by the Administrator.

B. CATEGORIZING PARCELS FOR ANNUAL TAX LEVY

Each Fiscal Year, the Administrator shall identify the current Assessor's Parcel numbers for all Parcels of Developed Property within CFD No. 3. The Administrator shall then identify the Land Use Designation for each Parcel of Developed Property to determine the appropriate Maximum Special Tax pursuant to Section C below. If a Land Use Designation has not been assigned to a Parcel of Developed Property, the Administrator shall determine the Zoning Designation for the Parcel and reference Table 1 below to determine the Maximum Special Tax associated with that Zoning Designation. If the Zoning Designation for the Parcel applies to more than one Land Use Designation as reflected in Table 1, the Administrator shall determine the appropriate Maximum Special Tax rate for the Parcel by identifying the Maximum Special Tax shown in Table 1 for the land use category that is most similar to the land use that will be built on the Parcel.

For Single Family Attached Property or multi-family property, the number of Units shall be determined by referencing the condominium plan, apartment plan, site plan or other development plan for the property. For Condominium Parcels, the Administrator shall also determine the date of which escrow closed for any Units that were sold to individual buyers in the prior Fiscal Year.

For Parcels with a Land Use Designation of Residential, Mixed Use; Village Center – Medium Density Residential; Village Center – High Density Residential; or Commercial, Mixed Use, the Administrator shall determine whether (i) residential units that have been or will be built on the Parcel will be offered for sale to individual home buyers and (ii) a separate Assessor's Parcel number will be assigned to the airspace parcel associated with each residential unit. Once separate Parcel numbers have been assigned to the residential airspace Parcels, the Administrator shall assign a Maximum Special Tax to the airspace Parcel for each residential unit. In addition, the Administrator shall tax the commercial land uses on the Parcel using the Maximum Special Tax for the appropriate commercial Land Use Designation in Table 1 below. The acreage to be used to calculate the Maximum Special Tax on the commercial uses shall be the full land area of the underlying Assessor's Parcel on which the residential and commercial land uses are located.

Upon recordation of each Final Map creating Single Family Detached Property and/or Single Family Attached Property, the ECS Director is to determine the number of Affordable Units included within the Final Map. When building permits are issued for the Affordable Units designated on each Parcel, the Administrator shall reduce the Maximum Special Tax for each Affordable Unit to fifty percent (50%) of the Maximum Special Tax that applies to the Market Rate Units with the same Zoning Designation. After May 1 of each Fiscal Year, the Administrator shall obtain the Affordable Unit Listing from the Affordable Housing Director to confirm which Parcels qualify for an Affordable Unit Adjustment in the following Fiscal Year.

C. MAXIMUM SPECIAL TAX

All Taxable Property within the CFD shall be subject to a Maximum Special Tax that will be levied each Fiscal Year to pay for Authorized Services. As discussed above, the Administrator shall rely first on the Land Use Designation for a Parcel to determine the appropriate Maximum Special Tax in Table 1 below but, in the absence of an assigned Land Use Designation, the Administrator shall refer to the Zoning Designation and land use to be built on the Parcel. The following Maximum Special Tax rates apply to all Parcels of Developed Property within CFD No. 3:

Table 1 Maximum Special Taxes		
Land Use Designation	Zoning Designation	Maximum Special Tax (Fiscal Year 2009-10) *
Low Density Residential (LDR)	R1	\$342.00 per Unit
Medium Density Residential (MDR)	RS R2	\$200.00 per Unit
High Density Residential (HDR)	R3	\$100.00 per Unit
Community Commercial	CC	\$932.00 per Acre
General Commercial	GC	\$932.00 per Acre
Highway Commercial	HC	\$932.00 per Acre
Regional Commercial	RC	\$932.00 per Acre
Central Business District	CBD	\$932.00 per Acre
Business Professional	BP, MP	\$801.00 per Acre

* Beginning July 1, 2010 and each July 1 thereafter, the Maximum Special Taxes shown above shall be adjusted by applying the Annual Tax Escalation Factor. The Maximum Special Tax for Affordable Units within a particular Zoning Designation shall be fifty percent (50%) of the amount shown above for that Zoning Designation, as adjusted by the Annual Tax Escalation Factor.

D. METHOD OF LEVY AND COLLECTION OF SPECIAL TAX

Each Fiscal Year, the Administrator shall levy the Maximum Special Tax on each Parcel of Developed Property in CFD No. 3. The Special Tax for CFD No. 3 shall be collected in the same manner and at the same time as ordinary ad valorem property taxes provided, however, that CFD No. 3 may (under the authority of Government Code Section 53340) in any particular case bill the taxes directly to the property owner off the County tax roll, and the Special Tax will be equally subject to foreclosure if delinquent.

E. LIMITATIONS

Notwithstanding any other provision of this Rate and Method of Apportionment of Special Tax, no Special Tax shall be levied on Public Property.

F. INTERPRETATION OF SPECIAL TAX FORMULA

The City reserves the right to make minor administrative and technical changes to this document that does not materially affect the rate and method of apportioning the Special Taxes. In addition, the interpretation and application of any section of this document shall be left to the City's discretion. Interpretations may be made by the City by ordinance or resolution for purposes of clarifying any vagueness or ambiguity in this Rate and Method of Apportionment of Special Tax

EXHIBIT B

CITY OF ROSEVILLE COMMUNITY FACILITIES DISTRICT No. 3 (MUNICIPAL SERVICES)

LIST OF AUTHORIZED SERVICES

The Community Facilities District No. 3 (Municipal Services) (the “CFD”) shall include the City services authorized under Section 53313 of the Community Facilities Act of 1982, Chapter 2.5 of Division 2 of Title 5 of the California Government Code, commencing with Section 53311 (the “Act”), which include the following services, to the extent that such services are in addition to those provided in the territory of the CFD before the CFD was created (or, as to territory which may be annexed to the CFD, before such territory was annexed to the CFD.) In accordance with Section 53313 of the Act, the additional services may not supplant services already available within the territory when the district was created.

- (a) Police protection services, including, but not limited to, criminal justice services. However, criminal justice services are limited to providing services for jails, detention facilities, and juvenile halls.
- (b) Fire protection and suppression services, and ambulance and paramedic services.
- (c) Recreation program services, library services, maintenance services for elementary and secondary school sites and structures, and the operation and maintenance of museums and cultural facilities, subject to the limitations contained in Section 53313 of the Act.
- (d) Maintenance of parks, parkways, and open space.
- (e) Flood and storm protection services, including, but not limited to, the operation and maintenance of storm drainage systems, and sandstorm protection systems.
- (f) Services with respect to removal or remedial action for the cleanup of any hazardous substance released or threatened to be released into the environment, subject to the limitations contained in Section 53313 of the Act.

PROPOSED BOUNDARY MAP
ANNEXATION MAP NO. 21 OF
COMMUNITY FACILITIES DISTRICT No. 3
(MUNICIPAL SERVICES)
SVSP WESTPARK-FEDERICO
OF THE CITY OF ROSEVILLE,
COUNTY OF PLACER,
STATE OF CALIFORNIA

REFERENCE IS HEREBY MADE TO THAT CERTAIN MAP ENTITLED "AMENDED BOUNDARIES OF COMMUNITY FACILITIES DISTRICT No. 3 (MUNICIPAL SERVICES), CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA," FILED THE 18TH DAY OF AUGUST, 2004, AS DOCUMENT No. 2004-362 IN BOOK 3 OF MAPS OF ASSESSMENT AND COMMUNITY FACILITIES DISTRICT AT PAGE 41, IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF PLACER, STATE OF CALIFORNIA, WHICH THIS ANNEXATION MAP AFFECTS.

CITY CLERK'S MAP FILING STATEMENT

FILED IN THE OFFICE OF THE CITY CLERK OF THE CITY OF ROSEVILLE THIS _____ DAY OF _____ 2019.

SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE
PLACER COUNTY, CALIFORNIA

CITY CLERK'S MAP STATEMENT

I HEREBY CERTIFY THAT THE WITHIN MAP SHOWING THE PROPOSED BOUNDARIES OF ANNEXATION No. 21 TO COMMUNITY FACILITIES DISTRICT No.3 (MUNICIPAL SERVICES), CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA, WAS APPROVED BY THE CITY COUNCIL OF THE CITY OF ROSEVILLE, AT A MEETING THEREOF, HELD ON THE _____ DAY OF _____, 2019 BY IT'S RESOLUTION No. _____.

SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE
PLACER COUNTY, CALIFORNIA

RECORDER'S STATEMENT

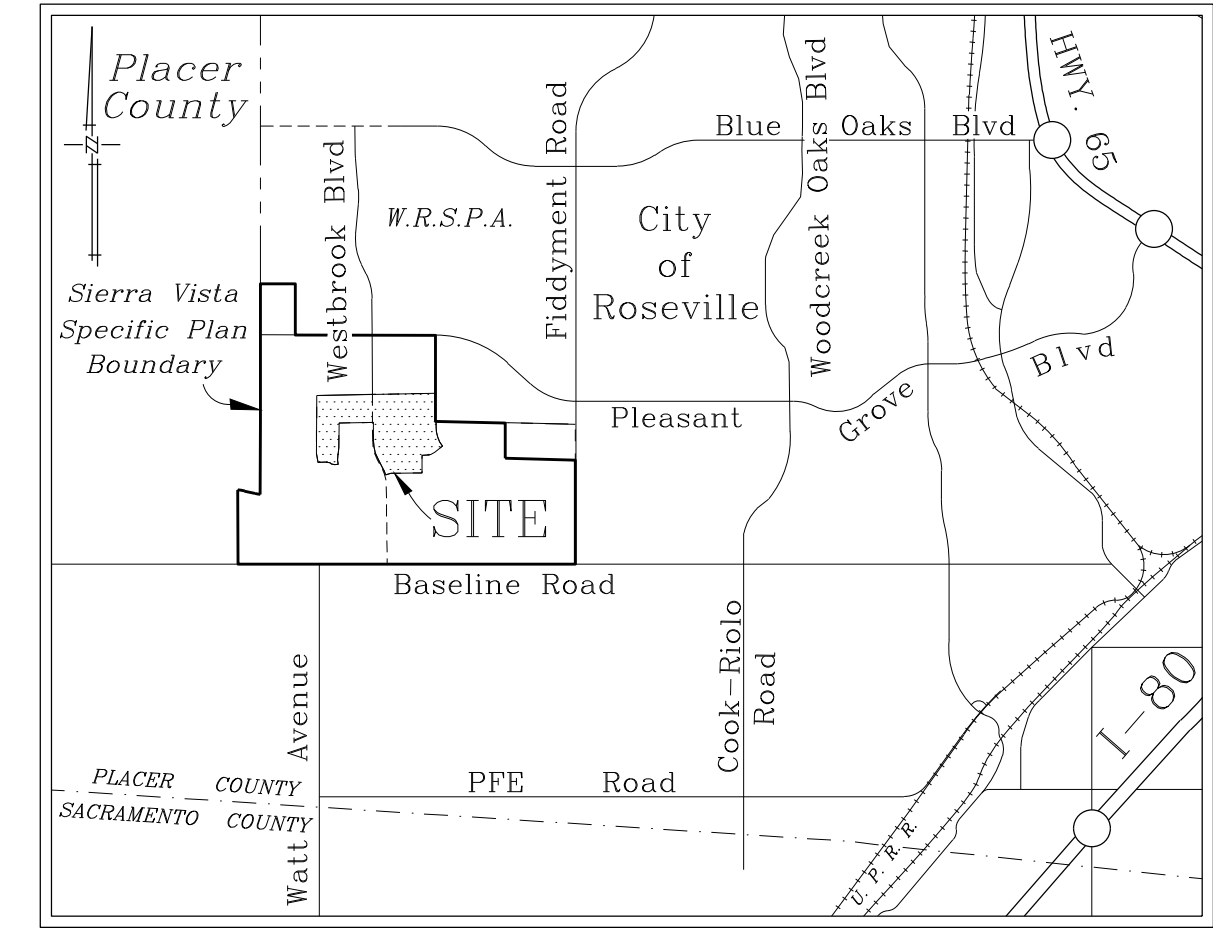
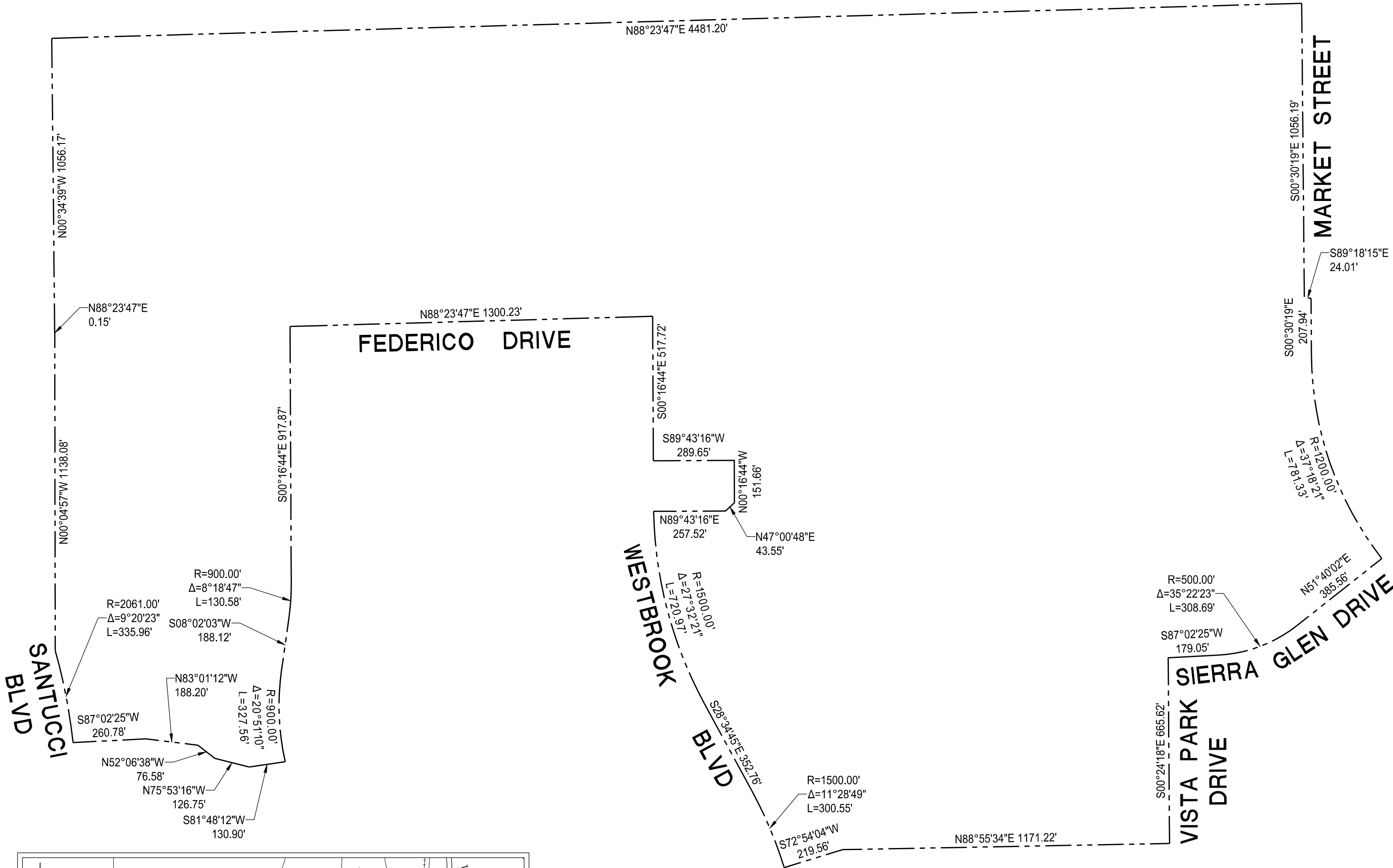
FILED THIS _____ DAY OF _____ 2019, AT THE HOUR OF _____ O'CLOCK ____ M. IN BOOK _____ OF MAPS OF ASSESSMENT AND COMMUNITY FACILITIES DISTRICTS, AT PAGE _____ IN THE OFFICE OF THE COUNTY RECORDER IN THE COUNTY OF PLACER, STATE OF CALIFORNIA.

DOCUMENT NO. _____

FEE: _____

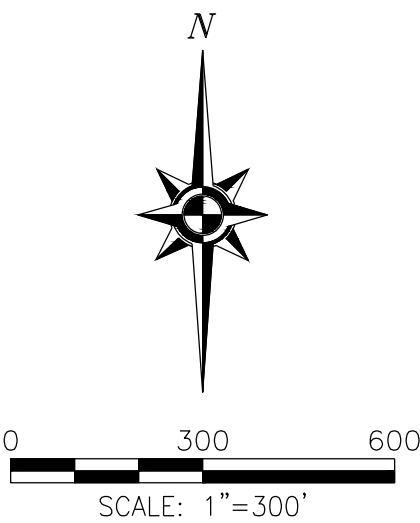
BY: _____
RYAN RONCO, COUNTY RECORDER
COUNTY OF PLACER

Mackay & Somp
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189



LEGEND

----- BOUNDARY OF ANNEXATION
○ DIMENSION POINT



VICINITY MAP
N.T.S.



COUNCIL COMMUNICATION

CC #: 0001

File #: 0900-02-02-2 & 1002-06

Title: Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Projects PG&E Deed Easement Approval

Contact: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.16.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve the Pacific Gas and Electric (PG&E) Deed Easement for the Pleasant Grove Wastewater Treatment Plant (PGWWTP) Expansion Project (EP) and Energy Recovery Project (ERP) and adopt a resolution authorizing the City Manager to execute the deed easement on behalf of the City.

BACKGROUND

The City of Roseville owns and operates the PGWWTP on behalf of the South Placer Wastewater Authority (SPWA) partner agencies. The PGWWTP EP will increase the plant's treatment capability by adding primary clarification and anaerobic digestion of primary solids and waste-activated sludge. This increase will provide sufficient capacity to accommodate growth within the Pleasant Grove wastewater shed through 2040. The ERP is being conducted as a separate project on City-owned property located adjacent to, and immediately south of, the existing PGWWTP boundary. The ERP provides an opportunity to add energy recovery facilities at the PGWWTP that will beneficially utilize digester gas (which has a high methane fraction) produced by the new treatment processes constructed as part of the expansion.

PG&E will need to install a new pipeline and a new facility that will regulate, meter, and deliver gas from their existing high pressure transmission line located just west of PGWWTP to the ERP site to meet the natural gas needs of the EP and ERP. PG&E plans to construct this new infrastructure within the PGWWTP ERP site, therefore they require an easement from the City.

There are two strips of land within the ERP site that are included in the easement:

- Strip 1 is a non-exclusive easement for the PG&E two-inch diameter pipeline that will be installed to connect PG&E's existing high pressure main to their new regulation and metering station, and
- Strip 2 is an exclusive easement for PG&E to install and operate their new regulating and metering station. PG&E will be installing all the necessary natural gas equipment within these

two areas that have been reserved for PG&E facilities in the ERP design and future planning. PG&E will transfer ownership to the City for a portion of the equipment they will install within Strip 2, including a valve and service piping downstream of the valve on each of the three natural gas services. Language has been included in the Easement Deed document to allow the City to enter the Strip 2 exclusive easement to operate City equipment and, if necessary, repair City equipment.

FISCAL IMPACT

There is no fiscal impact as this a grant deed by the City to PG&E within existing land owned by the City.

ECONOMIC DEVELOPMENT / JOBS CREATED

No jobs are expected to be directly created by this action.

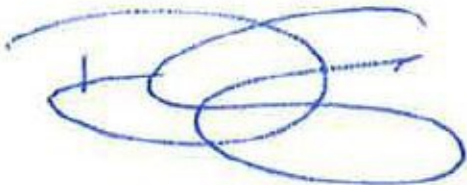
ENVIRONMENTAL REVIEW

PG&E's facilities within the easement areas was previously evaluated in the Initial Study and Mitigated Negative Declaration (IS/MND) Addendum prepared for the PGWWTP EP and ERP (SCH# 2016122040) (Adopted by the City Council November 7, 2018). The granting of this deed easement is consistent with the project evaluated in the adopted IS/MND including the addendum; therefore, no additional CEQA action is required.

Respectfully Submitted,

Tracie Mueller, Senior Engineer

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-195

Deed Easement

RESOLUTION NO. 19-195

AUTHORIZING THE CITY MANAGER'S EXECUTION OF THE EASEMENT DEED TO
THE PACIFIC GAS AND ELECTRIC COMPANY FOR THE PLEASANT GROVE
WASTEWATER TREATMENT PLANT EXPANSION PROJECT AND
ENERGY RECOVERY PROJECT

WHEREAS, as part of the Pleasant Grove Wastewater Treatment Plant (PGWWTP) Expansion Project (EP) and Energy Recovery Project (ERP), the City is required to grant to the Pacific Gas and Electric Company (PG&E) the necessary rights of way for installation of a new pipeline and new facility; and

WHEREAS, this new pipeline and new facility will regulate, meter, and deliver gas from their existing high pressure transmission line to meet the natural gas needs of the EP and ERP; and

WHEREAS, an Easement Deed is required to grant PG&E:

- a non-exclusive easement for the two-inch diameter pipeline that will be installed to connect PG&E's existing high pressure main to their new regulation and metering station; and
- an exclusive easement for PG&E to install and operate their new regulating and metering station.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the Council hereby authorizes the City Manager to execute the attached Easement Deed granting the Pacific Gas and Electric Company an easement for the installation of a new pipeline and new facility.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

RECORDING REQUESTED BY AND RETURN TO:

PACIFIC GAS AND ELECTRIC COMPANY
245 Market Street, N10A, Room 1015
P.O. Box 770000
San Francisco, California 94177

Location: City/Uninc _____

Recording Fee \$ _____

Document Transfer Tax \$ _____

- ☐ This is a conveyance where the consideration and Value is less than \$100.00 (R&T 11911).
☐ Computed on Full Value of Property Conveyed, or
☐ Computed on Full Value Less Liens & Encumbrances Remaining at Time of Sale
☐ Exempt from the fee per GC 27388.1 (a) (2); This document is subject to Documentary Transfer Tax

Signature of declarant or agent determining tax

(SPACE ABOVE FOR RECORDER'S USE ONLY)

LD# 2111-05-10005

EASEMENT DEED

2018175 (06-18-100) 12 18 4
R-1195 Pleasant Grove WWTP DFM-1518-03

THE CITY OF ROSEVILLE, a municipal corporation, hereinafter called Grantor, in consideration of value paid by PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, hereinafter called Grantee, the receipt whereof is hereby acknowledged, hereby grants to Grantee exclusive and non-exclusive easements within the hereinafter described easement areas, lying within the Grantor's lands situate in the City of Roseville, County of Placer, State of California, and described as follows:

(APN 017-101-026)

LOT 29 as shown upon the map entitled "Westpark Phase 1" filed for record October 21, 2004 in Book AA of Maps at page 4, Placer County Records.

The easement areas are described as follows:

(a) the parcel of land described and designated STRIP 2 in EXHIBIT "A" and shown upon EXHIBIT "B" attached hereto and made a part hereof ("Exclusive Easement Area").

(b) the parcel of land described and designated STRIP 1 in said EXHIBIT "A" and shown upon said EXHIBIT "B" ("Non-Exclusive Easement Area").

Grantor hereby grants to Grantee:

(a) the right, from time to time, to excavate for, construct, reconstruct, replace (of the initial or any other size), remove, maintain, inspect, and use facilities and associated equipment for public utility purposes, including, but not limited to gas, and communication facilities, on,

over, and under the Exclusive Easement Area; together with the right, as Grantee shall from time to time deem necessary to discharge gas into the atmosphere, and to pave and enclose with a fence the Exclusive Easement Area;

(b) the right, from time to time, to excavate for, construct, reconstruct, replace (of the initial or any other size), remove, maintain, inspect, and use facilities and associated equipment for public utility purposes, including, but not limited to gas, and communication facilities, on, over, and under the Non-Exclusive Easement Area.

The Exclusive Easement Area and Non-Exclusive Easement Area may hereinafter be collectively referred to as ("Easement Areas").

Grantor further grants to Grantee:

(a) the right of ingress to and egress from the Easement Areas over and across said lands by means of roads and lanes thereon, if such there be, otherwise by such route or routes as shall occasion the least practicable damage and inconvenience to Grantor, provided, that such right of ingress and egress shall not extend to any portion of said lands which is isolated from said Easement Areas by any public road or highway, now crossing or hereafter crossing said lands;

(b) the right, from time to time, to trim or to cut down, without Grantee paying compensation, any and all trees, roots, brush, vines, and to remove any associated supporting structures now or hereafter within said Easement Areas, and shall have the further right, from time to time, to trim and cut down trees, roots, brush, and vines along each side of said Easement Areas which now or hereafter in the opinion of Grantee may interfere with or be a hazard to the facilities installed hereunder, or as Grantee deems necessary to comply with applicable state or federal regulations;

(c) the right to use such portion of said lands contiguous to said Easement Areas as may be reasonably necessary in connection with the excavation, construction, reconstruction, replacement, removal, maintenance, and inspection of said facilities;

(d) the right to install, maintain, and use gates in all fences which now cross or shall hereafter cross the Non-Exclusive Easement Area; and

(e) Grantee shall have the right to mark the location of said Non-Exclusive Easement Area and facilities by suitable markers set in the ground; provided that the markers shall be placed in fences or other locations which will not interfere with any reasonable use Grantor shall make of said Non-Exclusive Easement Area.

Grantee hereby covenants and agrees:

- (a) to promptly backfill any excavations made by it on said Easement Areas;
- (b) to repair any damage it shall do to Grantor's lands by exercising said right of ingress and egress;
- (c) to indemnify Grantor against any loss and damage which shall be caused by any wrongful or negligent act or omission of Grantee or of its agents or employees in the course of their employment, provided, however, that this indemnity shall not extend to that portion of such loss or damage that shall have been caused by Grantor's comparative negligence or willful misconduct; and
- (d) to allow Grantor access to said Exclusive Easement Area without prior notification to operate and maintain those certain facilities Grantor will assume ownership of within said Exclusive Easement Area.

Grantor hereby covenants and agrees:

- (a) not to place or construct, nor allow a third party to place or construct, any building or other structure, or store flammable substances, or drill or operate any well, or construct any reservoir or other obstruction within said Easement Areas, or diminish or substantially add to the ground level within said Easement Areas, or construct any fences that will interfere with the maintenance and operation of said facilities, or grant any easement or other use on, over, or under said Exclusive Easement Area. In the event any building or other structure is built within said Easement Areas, Grantor shall, at its sole expense, remove said building or other structure upon receiving notice from Grantee.
- (b) not to commence, nor allow a third party to commence, any construction activity (surface or subsurface) within said Easement Areas without the written approval of Grantee, which approval shall not be unreasonably withheld. Grantor shall receive a written response from Grantee approving, rejecting or requesting additional details within 30 days of their submitted request. In the event no response is provided within the 30 days duration, Grantor shall proceed with the said construction activity. In instances of emergencies a written request shall be sent to the address below and all waiting periods for a written approval from Grantee shall be waived. An instance of emergency shall be defined as an imminent threat to Public Safety, property or services. Grantor shall always call 811 prior to any digging. Grantor shall submit requests to the following address, or to such other address as Grantee may designate by written notice:

PACIFIC GAS AND ELECTRIC COMPANY
245 Market Street, N10A, Room 1015
P.O. Box 770000
San Francisco, California 94177

(c) not to plant any trees, brush, or vines within the Non-Exclusive Easement Area. Grantor may plant and maintain ground covers, grasses, flowers, crops, and low-growing plants that grow unsupported to a maximum of four (4) feet in height at maturity within the Non-Exclusive Easement Area.

The provisions hereof shall inure to the benefit of and bind the successors and assigns of the respective parties hereto, and all covenants shall apply to and run with the land.

Dated _____, 20____.

THE CITY OF ROSEVILLE, a municipal corporation

I hereby certify that a resolution was
adopted

On the ____ day of _____, 20____, by the

authorizing the foregoing grant of easement.

By _____

By _____

Print name & title

Attach to LD: 2111-05-10005
Area, Region or Location: 6
Land Service Office: Sacramento
Line of Business: Gas Transmission (52)
Business Doc Type: Easements
MTRSQ: 21.11.05.23.24, 21.11.05.23.21,
FERC License Number: NA
PG&E Drawing Number: SL-1446
Plat No.: 2403-E1
LD of Affected Documents:
LD of Cross Referenced Documents: 2111-05-0095
Type of interest: Gas and Pipeline Easements (5), Gas Valve, Meter Lots or Reg Stations (40)
SBE Parcel: NA
% Being Quitclaimed: NA
Order or PM: 74020600
JCN: 06-18-100
County: Placer
Utility Notice Number: NA
851 Approval Application No: NA ;Decision:
Prepared By: EKF2
Checked By: CXOQ
Revisions requested by Grantor Approved by R9M1

(THIS PAGE MUST BE RECORDED WITH DOCUMENT)

EXHIBIT "A"

LANDS

LOT 29 as shown upon the map entitled "Westpark Phase 1" filed for record October 21, 2004 in Book AA of Maps at page 4, Placer County Records.

STRIP 1

A strip of land of the uniform width of 30 feet extending easterly from the westerly boundary line of said lands, and lying 7 feet southerly of and 23 feet northerly of the line described as follows:

Commencing at the found $\frac{3}{4}$ inch rebar shown upon said map as marking the northwest corner of said LOT 29 and running thence along said westerly boundary line of said lands

(a) south $00^{\circ} 07' 04''$ west 35.00 feet
to the TRUE POINT OF BEGINNING of said line; thence leaving said westerly boundary line

(1) north $89^{\circ} 54' 18''$ east 82.47 feet
to a point herein for convenience called Point "A" within the boundary lines of said lands.

STRIP 2

A strip of land of the uniform width of 34 feet extending easterly from the easterly boundary line of the hereinbefore described STRIP 1 and lying 7 feet southerly of and 27 feet northerly of the line described as follows:

Beginning at said Point "A" and running thence

(1) north $89^{\circ} 54' 18''$ east 54.00 feet
to a point within the boundary lines of said lands.

The foregoing descriptions are based on a survey made by Pacific Gas & Electric Company in November 2018. The bearings used are based on the westerly boundary of said LOT 29, which according to said map has a bearing of north $00^{\circ} 07' 04''$ east and a length of 426.00 feet.



APPROVED AS TO DESCRIPTION

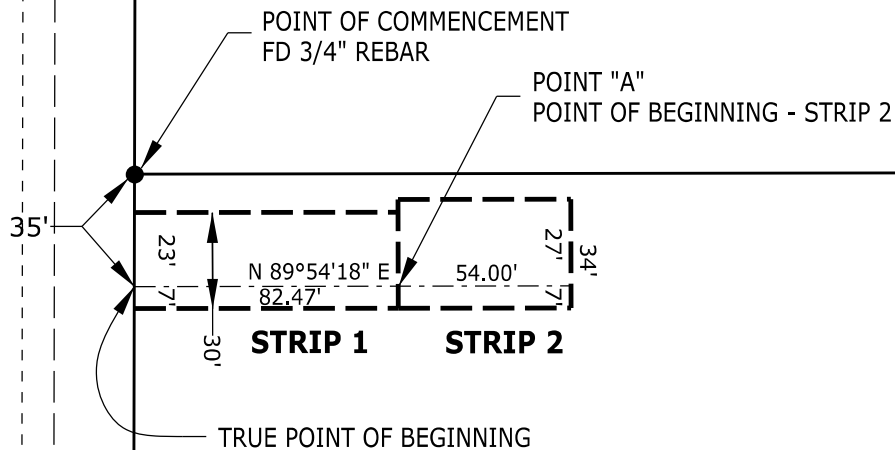
1-31-2019

OWNER:

WEST ROSEVILLE, LLC

APN 496-020-034

OWNER:
CITY OF ROSEVILLE
(PLEASANT GROVE WWTP)
APN 017-101-025



LOT 29
WESTPARK PHASE 1
BK AA MAPS PG 4

OWNER:
CITY OF ROSEVILLE
DN 2006-0005329, P.C.R.
APN 017-101-026

35' WIDE UTILITY EASEMENT
DN# 2005-0172343, P.C.R.

25' WIDE PG&E GAS LINE EASEMENT
DN# 2006-0073368, P.C.R. LD 2111-05-0095

BASIS OF BEARINGS: WESTERLY BOUNDARY OF LOT 29,
PER THE MAP ENTITLED "WESTPARK PHASE 1" FILED IN
BOOK AA OF MAPS AT PAGE 4, PLACER COUNTY RECORDS.

LD 2111-05-10005

UNLESS OTHERWISE SHOWN ALL COURSES EXTEND
TO OR ALONG ALL BOUNDARIES OR LINES.

AUTHORIZATION 74020600
BY T2M7
DR EKF2 / S5BL
CH CXOQ
O.K. EKF2
DATE 1/15/2019

PLEASANT GROVE WWTP CITY OF ROSEVILLE DFM 1518-03	
PACIFIC GAS AND ELECTRIC COMPANY San Francisco California	

JCN 06-18-100	AREA N. VALLEY
COUNTY PLACER	SCALE NONE
SHEET NO. OF	DRAWING NUMBER
SL-1446	CHANGE
3	



COUNCIL COMMUNICATION

CC #: 9983
File #: 0800-02

Title: Pleasant Grove Wastewater Treatment Plant Programmable Logic Controller
Program Conversion & Update - Professional Services Agreement
Contact: Trent Johnson 916-746-1837 trentjohnson@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.17.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution to approve a professional services agreement to EMA Inc. for Programmable Logic Controller (PLC) program conversion and update services, and authorize the City Manager to execute it.

BACKGROUND

Environmental Utilities Maintenance (EUM) staff has identified the need to convert and/or update all existing Programmable Logic Controller (PLC) programs that are not on the Unity Pro platform, to Unity Pro. This is necessary to create a uniform platform for staff maintenance and training and to maintain technical support from the manufacturer. This effort will also help when the Pleasant Grove Expansion Project starts interfacing with the existing plant equipment. Due to staff limitations, EUM requires external assistance to complete the conversions and upgrades.

EMA, Inc. is uniquely qualified to perform the Pleasant Grove Wastewater Treatment Plant PLC programming conversion and update services. They have a staff member that is extremely familiar with the Environmental Utilities' programming standards and existing PLC programs at the Pleasant Grove Wastewater Treatment Plant. This individual performed all of the PLC programming for the original construction of the PGWWTP and subsequently has performed all expansion PLC programming activities for the site since then. One major goal of this agreement is to transfer detailed knowledge of these systems from the EMA staff member to EUM staff.

FISCAL IMPACT

The total cost of this agreement is \$134,400.00. Funding is included in the approved Wastewater Treatment Plant Programmable Logic Controller Rehabilitation Project (153505).

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The adoption of the proposed professional services agreement does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Trent Johnson, Preventative Maintenance Supervisor

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-182

PSA

RESOLUTION NO. 19-182

APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE
CITY OF ROSEVILLE AND EMA, INC. DBA EMA OF MINNESOTA, INC., AND
AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE
CITY OF ROSEVILLE

WHEREAS, a professional services agreement for conversion of programmable logic
controller programs at Pleasant Grove Wastewater Treatment Plant, by and between the City of
Roseville and EMA, Inc. dba EMA of Minnesota, Inc., has been reviewed by the City Council;
and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that
said agreement is hereby approved and that the City Manager is authorized to execute it on
behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of
_____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

PROFESSIONAL SERVICES AGREEMENT

Conversion of Programmable Logic Controller Programs at Pleasant Grove Wastewater Treatment Plant

THIS AGREEMENT is made and entered into this ____ day of _____, 20____,
by and between the City of Roseville, a municipal corporation ("CITY"), and EMA, Inc. dba
EMA of Minnesota, Inc., a Minnesota corporation ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY desires professional services consisting of the conversion of
programmable logic controller programs at Pleasant Grove Wastewater Treatment Plan from
Modicon Concept to Modicon Unity Pro Software; and

WHEREAS, CONSULTANT has prepared a proposal dated January 31, 2019, which
describes the scope of work to be performed by CONSULTANT, the budget for the work, and
the schedule for performance of the work; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional
services.

NOW, THEREFORE, the parties agree as follows:

1. Services. CONSULTANT shall perform, at the direction of CITY, the scope of
services as described in EXHIBIT "A," attached hereto and incorporated herein by this
reference.

2. Compensation. For its services provided hereunder, CONSULTANT shall be compensated on a time and expense basis in accordance with the budget estimate as described in EXHIBIT "B," attached hereto and incorporated herein by this reference. Total compensation shall not exceed one hundred thirty-four thousand, four hundred dollars (\$134,400.00).

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

3. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

4. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum

insurance coverage requirements and limits shall be available to the additional insureds.

Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability.

Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

5. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed

hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

6. Time is of the Essence. Time is of the essence of this Agreement.

7. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

8. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

9. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

10. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

11. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

12. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any

company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

13. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

14. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this

Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

15. Termination of Agreement. The City may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any Material, notwithstanding any termination or any dispute regarding the amount to be paid.

16. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

17. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

18. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

19. Notices. Any notices to parties required by this Agreement shall be delivered, personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Richard D. Plecker
Environmental Utilities Director
2005 Hilltop Circle
Roseville, CA 95747

CONSULTANT

Dan Mazorra
EMA, Inc.
4742 N. Oracle Road, Suite 310
Tucson, AZ 85705-1675

Either party may amend its address for notice by giving notice to the other party in writing.

20. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

EMA, INC. dba EMA OF MINNESOTA,
INC., a Minnesota corporation

BY: _____
DOMINICK CASEY
City Manager

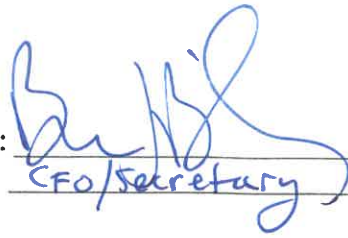
BY: 
its: VICE PRESIDENT
and

[SIGNATURES CONTINUED ON FOLLOWING PAGE]

ATTEST:

BY:

its:


CFO/Secretary

BY:

SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY:

ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY:


RICHARD D. PLECKER
Environmental Utilities Director

EXHIBIT “A”



EMA, Inc.
4742 N. Oracle Rd., Suite 310
Tucson, AZ 85705-1675

phone: 520.299.0992
www.ema-inc.com

January 31, 2019

Mr. Charles Aycock
EIM Systems Coordinator
City of Roseville Environmental Utilities
1800 Booth Road
Roseville, CA 95747

SUBJECT: Proposal for Conversion of PLC Programs at Pleasant Grove WWTP from Modicon Concept to Modicon Unity Pro Software

Dear Mr. Aycock:

EMA is pleased to provide you with a proposal to provide professional services to convert the PLC programs at the Pleasant Grove WWTP from Modicon Concept to Modicon Unity Pro.

SCOPE OF SERVICES

Task 1 – Project Initiation and Planning

A project kickoff meeting will be conducted with the appropriate Roseville staff to discuss the purpose and scope of the project. EMA staff will conduct site investigations as needed to gather information needed to perform initial program conversions.

Task 2 –Program Conversions

EMA will convert existing LL984 sections to IEC FBD or LD for the following PLC's:

- PLC01
- PLC02
- Washer Compactor PLC
- PLC07
- Sludge Hopper PLC
- PLC12

EMA will convert all Concept Programs to Unity Pro, and ensure all programs can be built when completed.

Task 3 – Field Program Installation Planning

EMA will prepare a draft cutover plan for review and comment by the City.

EMA will finalize the cutover plan after City review.

Task 4 – Field Program Installation and Testing

EMA will conduct field program conversions and testing per the approved cutover plan. Also included are 24 hours of follow on services for any additional tasks after program conversion and testing is completed.

Project Budget

A cost breakdown by task is included in the following table.

Task	Task Description	Cost
1	Project Initiation and Planning	\$18,900
2	Program Conversion	\$44,300
3	Field Program Installation Planning	\$11,200
4	Field Program Installation and Testing	\$60,000
	Total	\$134,400

EMA proposes to provide these services for a lump sum amount of \$134,400. We will invoice on a monthly basis based on percent complete.

We appreciate the opportunity to provide you with these services. If you have any questions, please call me directly at (704) 771-5910.

Sincerely,



Philip Gaberdiel
Engineering Practice Director

Cc: Dan Mazorra

EXHIBIT “B”

Work Breakdown Structure

Project Name:	Pleasant Grove WWTP Unity Upgrade
Phase 1 Name:	Project Initiation and Planning
Phase 2 Name:	Program Conversion
Phase 3 Name:	Field Program Installation Planning
Phase 4 Name:	Field Program Installation and Testing
Phase 5 Name:	
Phase 6 Name:	
Phase 7 Name:	
Phase 8 Name:	
Phase 9 Name:	
Phase 10 Name:	
Phase 11 Name:	
Phase 12 Name:	
Phase 13 Name:	
Phase 14 Name:	
Phase 15 Name:	
Phase 16 Name:	
Phase 17 Name:	
Phase 18 Name:	
Phase 19 Name:	
Phase 20 Name:	

Project Team

Project Role	Name
PIC	Terry M Draper
PM	Dan Mazorra
Support	Mary E Benson
SME1	David Selby
SME2	
SME3	
SME4	
SME5	
SME6	
SME7	
SME8	
SME9	
SME10	

Project Parameters

Labor Multiplier	3.25
Project Duration (months)	36
Should Labor Rates be escalated?	N
Labor Escalation (calculated)	0%
Expenses MU %	0%
Sub Markup %	0%
Labor Contingency %	0%
Expenses Contingency %	0%
Sub Contingency %	0%

Phase

Pleasant Grove WWTP Unity Upgrade	PIC		PM		Support		SME1		Total Hours	Total Labor	Expenses	Subs	Contingency	Total Dollars	
	Terry M Draper		Dan Mazorra		Mary E Benson		David Selby								
	Hrs	\$317	Hrs	\$209	Hrs	\$97	Hrs	\$117							
Project Initiation and Planning	8	\$2,536.00	48	\$10,032.00	32	\$3,104.00	16	\$1,872.00	104	\$17,544.00	\$1,275.00	0%	\$0.00	\$0.00	\$18,819.00
Program Conversion	0	\$0.00	166	\$34,694.00	0	\$0.00	82	\$9,594.00	248	\$44,288.00	\$0.00	0%	\$0.00	\$0.00	\$44,288.00
Field Program Installation Planning	0	\$0.00	20	\$4,180.00	24	\$2,328.00	40	\$4,680.00	84	\$11,188.00	\$0.00		\$0.00	\$0.00	\$11,188.00
Field Program Installation and Testing	0	\$0.00	148	\$30,932.00	0	\$0.00	112	\$13,104.00	260	\$44,036.00	\$15,975.00		\$0.00	\$0.00	\$60,011.00
Total Project Hours	8		382		56		250		696						
Total Project Dollars	\$2,536.00		\$79,838.00		\$5,432.00		\$29,250.00			\$117,056.00	\$17,250.00	\$0.00	\$0.00		\$134,306.00

MULTIPLIER CALCULATION

[illegible]

[illegible]

Task	Program Conversion	PIC	PM	Support	SME1	Total Hours	Total Labor	Air Fare	Local Trip	Auto	Hotel	Meals	Misc.	Total Expenses	Subs	Total Dollars
		Terry M Draper \$317	Dan Mazorra \$209	Mary E Benson \$97	David Selby \$117											
2.1	PLC01 Program Conversion		36		4	40	\$7,992.00							\$0.00		\$7,992.00
2.2	PLC02 Program Conversion		28		4	32	\$6,320.00							\$0.00		\$6,320.00
2.3	PLC03 Program Conversion		4		4	8	\$1,304.00							\$0.00		\$1,304.00
2.4	PLC04 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.5	PLC05 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.6	UV System Elec Bldg PLC (CCB Gates) Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.7	PLC06 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.8	PLC07 Program Conversion		28		4	32	\$6,320.00							\$0.00		\$6,320.00
2.9	PLC08 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.10	PLC09 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.11	Centrifuge #1 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.12	Centrifuge #2 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.13	Centrifuge #3 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.14	Sludge Hopper Conversion (Compact 984 to M349)		32			32	\$6,688.00							\$0.00		\$6,688.00
2.15	PLC10 Program Conversion		2		6	8	\$1,120.00							\$0.00		\$1,120.00
2.16	PLC12 Program Conversion		18		6	24	\$4,464.00							\$0.00		\$4,464.00
	Total Phase 2 Hours	0	166	0	82	248										
	Total Phase 2 Dollars	\$0.00	\$34,694.00	\$0.00	\$9,594.00		\$44,288.00	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$39,824.00

[illegible]

Task	Field Program Installation and Testing				Total Hours	Total Labor	Air Fare	Local Trip	Auto	Hotel	Meals	Misc.	Total Expenses	Subs	Total Dollars
	PIC Terry M Draper	PM Dan Mazoma	Support Marty E Benson	SME1 David Selby											
4.1	\$317	\$209	\$97	\$117			\$500	\$75	\$100	\$150	\$100				
4.2		16		16	32	\$5,216.00	1	3	4	4	4		\$2,125.00		\$7,341.00
4.3		16		16	32	\$5,216.00	1	3	4	4	4		\$2,125.00		\$7,341.00
4.4		4		4	8	\$1,304.00	1	1	5	5	5		\$2,325.00		\$3,629.00
4.5		8		4	12	\$2,140.00		1					\$75.00		\$2,215.00
4.6		8		4	12	\$2,140.00		2					\$150.00		\$2,290.00
4.7		4		4	8	\$1,304.00		1					\$75.00		\$1,379.00
4.8		8		4	12	\$2,140.00	1	2	4	4	4		\$2,050.00		\$4,190.00
4.9		8		12	20	\$3,076.00		3					\$225.00		\$3,301.00
4.10		8		12	20	\$3,076.00	1	3	4	4	4		\$2,125.00		\$5,201.00
4.11		4		8	12	\$1,772.00		2					\$150.00		\$1,922.00
4.12		4		4	8	\$1,304.00	1	1	5	5	5		\$2,325.00		\$3,629.00
4.13		4		4	8	\$1,304.00		1					\$75.00		\$1,379.00
4.14		4		4	8	\$1,304.00							\$0.00		\$1,304.00
4.15		12		4	16	\$2,976.00		2					\$150.00		\$3,126.00
4.16		8		8	16	\$2,608.00	1	1	3	3	3		\$1,625.00		\$4,233.00
4.17		8		4	12	\$2,140.00		2					\$150.00		\$2,290.00
		24			24	\$5,016.00		3					\$225.00		\$5,241.00
	Total Phase 4 Hours	0	148	0	112	260									
	Total Phase 4 Dollars	\$0.00	\$30,932.00	\$0.00	\$13,104.00	\$44,036.00	7	31	29	29	29	0	\$15,975.00	\$0.00	\$60,011.00

Last Update	10/22/2018	3.25
	Rate escalation	0%
	CAD adjustment	0.85

Full Name	Rate at target multiplier US\$	Multiplier if rate is overridden.
	0.00	
Michael P Abbott	202.02	
Baber Ahmed	199.20	
Diana Lea Anderson	203.13	
Sandip Basu	223.44	
Mary E Benson	96.75	
Bruce J Bialka	330.88	
David Brendon	173.21	
Penny L Brink	157.59	
Troy D Brown	209.46	
Terrance M Brueck	409.08	
John E Buzzard	172.38	
Nicholas Claudio	184.37	
Alla K Collins	153.76	
Jeffrey Coulson	252.77	
Kimberly Crear	121.88	
Robert Daly	219.38	
Raymond A DeFelice	166.37	
Gerald Di Noia	125.00	
Hien Doan	176.12	
David Dobs	162.50	
Jeffrey Donahue	132.83	
Terry M Draper	316.84	
Tom Dudgeon	153.11	
Farzad Eslami	168.32	
Jenny Feng	197.50	
Edward Fontanez	199.32	
Dean Foote	253.60	
Marion L Freymann	118.17	
Patrick W Fuller	194.84	
Philip Gaberdiel	296.89	
Jack T Geisenhoff	246.77	
Mark Germesheid	171.83	
Aaron Grabowska	101.56	
Marla K Hartson	195.42	
Heather J. Haskell	137.93	
Zachery Herber	106.93	
Lina Hu	116.96	
Rajan Jha	125.00	
Leah A Kerchner	113.85	
John Kidd	103.12	
Diane Knock	104.52	
Judy L Kulp	189.12	

Note: Rates shown are based on target multiplier; individual rates can be overridden. Rates above target multiplier are shaded green; rates below target multiplier are shaded yellow.

[illegible]

Expense Item	Amount	Comment
Air Fare	\$ 500	Enter roundtrip air fare to project site. If EMA staff is traveling from multiple locations, use average cost.
Local Trip	\$ 75	Cost for "local" EMA staff to travel to project site. Usually consists of mileage charges.
Auto	\$ 100	Daily rental car costs; includes gasoline. Include number of days.
Hotel	\$ 150	Hotel rental. Include total number of nights. E.g., two people for a two-day trip = 4 nights.
Meals	\$ 100	Daily cost for meals per person.

Adjust estimated expense amounts based on project location and requirements.



COUNCIL COMMUNICATION

CC #: 9992
File #: 0800-02

Title: California Water/Wastewater Agency Response Network Mutual Assistance Agreement for Disaster Assistance
Contact: Sean Bigley 916-774-5513 sbigley@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.18.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to authorize the City Manager to sign the California Water/Wastewater Agency Response Network (CalWARN) Mutual Assistance Agreement to allow the City of Roseville to participate in CalWARN system designed to provide mutual assistance to water and wastewater systems impacted by natural and man-made disasters. There is no cost to join the CalWARN system.

BACKGROUND

The California Water/Wastewater Agency Response Network (CalWARN) program was created following the tragedy of the 1991 East Bay Hills Firestorm that destroyed many homes and killed numerous residents in the heavily vegetated hills of Oakland and Berkeley, California. The Governor's Office of Emergency Services (Cal OES) studied the conditions leading up to the disaster and identified four major recommendations in the 1992 Blue Ribbon Report:

- Establish a Standardized Emergency Management System (SEMS) that requires all public agencies to respond to multi-agency emergencies using the same response strategy.
- Establish a method and means for water systems to color code fire hydrants based on water pressure.
- Establish a common emergency planning standard for water systems with over 10,000 connections in California.
- Establish a water utility mutual aid system consistent with the California Master Mutual Aid Agreement (CMMAA), established in 1950.

The first agreement was drafted in 1992 and quickly approved by seven Bay Area water utilities that already participated in an older agreement not in compliance with CMMAA or newly created SEMS. Within one year 125 utilities in the Coastal Region of California (16 coastal and Bay Area

counties from Monterey to the border with Oregon) signed the agreement. With the 1994 Northridge Earthquake in Southern California, utilities needed assistance, and the statewide program was born as utilities from the Los Angeles basin signed the agreement.

The agreement was changed three times. In 1994 the agreement became a statewide agreement. In 2001 (prior to 9/11), wastewater utilities were included. In 2007 the agreement was modified to meet the requirements of the National Incident Management System.

Based largely on the CalWARN model, over these past decades, 48 other US States have adopted a Water/Wastewater Agency Response Network (WARN) Program.

The City of Roseville recently hired a Water Distribution Superintendent formerly from the City of Santa Rosa who had activated disaster support via CalWARN during the Tubbs Fire that devastated parts of the city, including significant damage to its water infrastructure. Our Water Distribution Superintendent said that the response time for additional operations and water quality staff support and materials requested was fulfilled within a day and was very helpful in the City of Santa Rosa's response and recovery from the fire's devastation.

Based on this first-hand experience and review of the CalWARN network of partners, staff recommends joining the CalWARN network to provide additional support upon request if the City of Roseville is ever faced with a natural or man-made disaster that compromises our water or wastewater infrastructure.

FISCAL IMPACT

There is no cost to join the CalWARN system. The agreement does not obligate the City of Roseville to accommodate any requests for service and allows the City of Roseville to decide on which requests to assist with. If the City of Roseville decides to offer assistance during a disaster to another CalWARN member agency, the requesting agency is required to reimburse the City of Roseville for its personnel, equipment and materials costs related to its response. Conversely, if the City of Roseville is the agency requesting disaster assistance, the City of Roseville would be required to reimburse the responding CalWARN member agencies for their personnel, equipment and materials costs related to assisting the City of Roseville.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

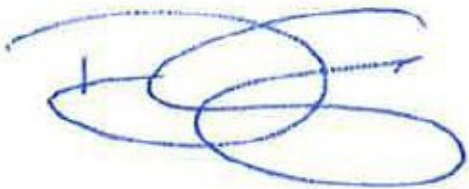
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). The CalWARN Mutual Assistance Agreement does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Sean Bigley, Acting Water Utility Manager

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-186

CalWARN Omnibus Mutual Assistance Agreement

RESOLUTION NO. 19-186

APPROVING THE ARTICLES OF AGREEMENT
CALIFORNIA WATER/WASTEWATER AGENCY RESPONSE NETWORK
WARN 2007 OMNIBUS MUTUAL ASSISTANCE AGREEMENT, AND AUTHORIZING
THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, the California Water/Wastewater Agency Response Network (CalWARN) program was created following a 1991 tragedy; and

WHEREAS, based largely on the CalWARN model, over these past decades, 48 other US States have adopted a Water/Wastewater Agency Response Network (WARN) Program; and

WHEREAS, the City of Santa Rosa activated disaster support via CalWARN during the Tubbs Fire and the response time for additional operations and water quality staff support and materials requested was fulfilled within a day and was very helpful in the City of Santa Rosa's response and recovery from the fire's devastation; and

WHEREAS, based on this experience and review of the CalWARN network of partners, staff recommends joining the CalWARN network; and

WHEREAS, the Articles of Agreement California Water/Wastewater Agency Response Network WARN 2007 Omnibus Mutual Assistance Agreement, have been reviewed by City Council.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Roseville supports joining the CalWARN Network.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized to execute the Articles of Agreement California Water/Wastewater Agency Response Network WARN 2007 Omnibus Mutual Assistance Agreement on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST/CERTIFY:

City Clerk

This AGREEMENT is made and entered into by those water and wastewater utilities which have adopted and signed this agreement to provide mutual assistance in times of emergency in accordance with the California Emergency Services Act and the California Disaster and Civil Defense Master Mutual Aid Agreement; and to provide reimbursement for equipment, supplies and personnel made available on an emergency basis.

In consideration of the mutual covenants and agreements hereinafter set forth, the parties agree to provide mutual assistance to one another in times of emergency as follows:

Recognizing that emergencies may require assistance in the form of personnel, equipment, and supplies from outside the area of impact, the signatory utilities hereby establish an Intrastate Program for Mutual Aid and Assistance. Through the Mutual Aid and Assistance Program, Members coordinate response activities and share resources during emergencies. This Agreement sets forth the procedures and standards for the administration of the Intrastate Mutual Aid and Assistance Program and is available to all water and wastewater utilities, public and private, in the State of California.

D. **Associate Member** – Any non utility participant, approved by the State Steering Committee, that provides a support role for the WARN program, for example State Department of Public

- 1 Health, or associations, who are members of the Regional or State Steering Committees
2 and do not officially sign the WARN agreement.
3
- 4 E. **Confidential Information** - Any document shared with any signatory to this Agreement that
5 is marked confidential, including but not limited to any map, report, notes, papers, opinion,
6 or e-mail which relates to the system vulnerabilities of a Member or Associate Member.
7
- 8 F. **Non-Responding Member** - A Member that does not provide assistance during a Period of
9 Assistance under the Mutual Aid and Assistance Program.
10
- 11 G. **Requesting Member** – A Member who requests assistance under the Mutual Aid and
12 Assistance Program.
13
- 14 H. **Responding Member** – A Member that responds to a request for assistance under the
15 Mutual Aid and Assistance Program.
16
- 17 I. **Period of Assistance** – A specified period of time when a Responding Member assists a
18 Requesting Member. The period commences when personnel, equipment, or supplies
19 depart from Responding Member's facility and ends when the resources return to their
20 facility (portal to portal). All protections identified in the Agreement apply during this period.
21 The specified Period of Assistance may occur during response to or recovery from an
22 Emergency.
23
- 24 J. **National Incident Management System (NIMS)** - A national, standardized approach to
25 incident management and response that sets uniform processes and procedures for
26 emergency response operations.
27
- 28 K. **Standardized Emergency Management System (SEMS)** - A standardized approach to
29 field command and jurisdictional management and response set forth by State of California
30 Code of Regulations for multi-agency or multi-jurisdictional response to an emergency.
31

32 **ARTICLE III.** 33 **ADMINISTRATION** 34

35
36 The administration of the Water/Wastewater Agency Response Network (WARN) will be
37 through WARN Regional Steering Committees (RSC) and the WARN State Steering Committee
38 (SSC).
39

40 The WARN RSCs will be established by representatives from the Members in that region. A
41 chair and co-chair will be elected and act as administrators for that region. The chair will
42 represent the region on the WARN SSC. Each WARN RSC will sponsor an annual meeting for
43 Members, maintain a data base of all water and wastewater utilities who have signed this
44 Agreement, and meet as a committee to address concerns and procedures for requesting
45 mutual assistance in that region. The regions will be comprised of one or more of the six Office
46 of Emergency Services (OES) mutual aid regions.
47

48 The WARN SSC will include the chairs of the regional steering committees, and a
49 representative from the California Department of Public Health (CDPH), California Utilities
50 Emergency Association (CUEA), Department of Water Resources (DWR), the American Water
51 Works Association (AWWA) Emergency Planning Committee, California Rural Water

1 Association (CRWA) and California Sanitation Risk Management Authority (CSRMA). The SSC
2 will identify a Chair for the purpose of leading the SSC and act as a point of contact for the
3 WARN SSC. At a minimum, the WARN SSC will meet annually and issue a list of participating
4 utilities. The database will be maintained on the WARN website, managed by a volunteer
5 Member, as appointed by the SSC.
6
7

8 **ARTICLE IV.** 9 **PROCEDURES**

- 10
11 A. In coordination with the Regional Steering Committees, emergency management and public
12 health system of the state, the State Steering Committee shall develop operational and
13 planning procedures for the Mutual Aid and Assistance Program. These procedures shall
14 be consistent with the Standardized Emergency Management System (SEMS) and the
15 National Incident Management System (NIMS), reviewed at least annually and updated as
16 needed by the State Steering Committee.
17
18 B. Requests for emergency assistance under this Agreement shall be directed to the
19 appropriate Authorized Official(s) from the list of Members.
20
21 C. Consistent with SEMS, when more than one County is impacted by a disaster, requests for
22 mutual assistance under this Agreement may be channeled through the CUEA Utility
23 Operation Center to ensure maximum effectiveness in allocating resources to the highest
24 priority needs.
25
26

27 **ARTICLE V.** 28 **REQUESTS FOR ASSISTANCE**

29
30 In general, assistance will be in the form of resources, such as equipment, supplies, and
31 personnel. Assistance shall be given only when Responding Member determines that its own
32 needs can be met while rendering assistance. The execution of this Agreement shall not create
33 any duty to respond on the part of any party hereto. A potential Responding Member shall not
34 be held liable for failing to provide assistance. A potential Responding Member has the
35 absolute discretion to decline to provide any requested assistance.
36

- 37 A. **Member Responsibility** - Members shall identify an Authorized Official and alternates;
38 provide contact information including 24-hour access; and maintain resource information
39 made available by the utility for mutual aid and assistance response, as allowed by utility
40 policy. Such information shall be updated annually or as changes occur (whichever is
41 sooner), provided to the State Steering Committee, and uploaded into the statewide
42 database.
43
44 B. **Member Request** - In the event of an Emergency, a Member's Authorized Official may
45 request mutual aid and assistance from a participating Member. Requests for assistance
46 can be made orally or in writing. When made orally, the request for personnel, equipment,
47 and supplies shall also be prepared in writing and submitted to the participating Member as
48 soon as practicable. Requests for assistance shall be directed to the Authorized Official of
49 the participating Member. Specific protocols for requesting aid shall be provided in the
50 procedures developed under Article IV.
51

1 C. **Response to a Request for Assistance** – Members are not obligated to respond to a
2 request. After a Member receives a request for assistance, the Authorized Official evaluates
3 whether or not to respond, whether resources are available to respond, or if other
4 circumstances would hinder response. Following the evaluation, the Authorized
5 Representative shall inform, as soon as possible, the Requesting Member whether it will
6 respond. If the Member is willing and able to provide assistance, the Member shall inform
7 the Requesting Member about the type of available resources and the approximate arrival
8 time of such assistance.

9
10 D. **Discretion of Responding Member's Authorized Official** – Execution of this Agreement
11 does not create any duty to respond to a request for assistance. When a Member receives
12 a request for assistance, the Authorized Official shall have sole and absolute discretion as to
13 whether or not to respond, or the availability of resources to be used in such response. An
14 Authorized Member's decisions on the availability of resources shall be final.

15
16
17 **ARTICLE VI.**
18 **RESPONSE COORDINATION**
19

20 When providing assistance under this Agreement, the Requesting Member and Responding
21 Member shall be organized and shall function under the Standard Emergency Management
22 System and National Incident Management System protocols and procedures.

23
24 A. **Personnel** – Responding Member retains right to identify the employees who are willing
25 to participate and the resources that are available.

26
27 B. **Control** – While employees so provided may be under the supervision of the
28 Responding Member, the Responding Member's employees come under the direction
29 and control of the Requesting Member, consistent with the NIMS Incident Command
30 System to address the needs identified by the Requesting Member. The Requesting
31 Member's Authorized Official shall coordinate response activities with the designated
32 supervisor(s) of the Responding Member(s). Whenever practical, Responding
33 Member personnel must be self sufficient for up to 72 hours. The Responding Member's
34 designated supervisor(s) must keep accurate records of work performed by personnel
35 during the specified Period of Assistance.

36
37 C. **Food and Shelter** – When possible, the Requesting Member shall supply reasonable food
38 and shelter for Responding Member personnel. If the Requesting Member is unable to
39 provide food and shelter for Responding Member personnel, the Responding Member's
40 designated supervisor is authorized to secure the resources necessary to meet the needs of
41 its personnel. Except as provided below, the cost for such resources must not exceed the
42 State per diem rates for that area. To the extent Food and Shelter costs exceed the State
43 per diem rates for the area, the Responding Member must demonstrate that the additional
44 costs were reasonable and necessary under the circumstances. Unless otherwise agreed
45 to in writing, the Requesting Member remains responsible for reimbursing the Responding
46 Member for all reasonable and necessary costs associated with providing food and shelter,
47 if such resources are not provided.

48
49 D. **Communication** – The Requesting Member shall provide Responding Member personnel
50 with radio equipment as available, or radio frequency information to program existing radio,
51 in order to facilitate communications with local responders and utility personnel.

- 1
2 E. **Status** - Unless otherwise provided by law, the Responding Member's officers and
3 employees retain the same privileges, immunities, rights, duties and benefits as provided in
4 their respective jurisdictions.
5
6 F. **Licenses and Permits** – To the extent permitted by law, Responding Member personnel
7 who hold licenses, certificates, or permits evidencing professional, mechanical, or other
8 skills shall be allowed to carry out activities and tasks relevant and related to their respective
9 credentials during the specified Period of Assistance.
10
11 G. **Right to Withdraw Resources** - The Responding Member's Authorized Official retains the
12 right to withdraw some or all of its resources at any time for any reason in the Responding
13 Member's sole and absolute discretion. Notice of intention to withdraw must be
14 communicated to the Requesting Member's Authorized Official as soon as soon as is
15 practicable under the circumstances.
16

17
18 **ARTICLE VII.**
19 **COST REIMBURSEMENT**
20

21 Unless otherwise mutually agreed in whole or in part by both parties, the Requesting Member
22 shall reimburse the Responding Member for each of the following categories of costs incurred
23 while providing aid and assistance during the specified Period of Assistance.
24

- 25 A. **Personnel** – Responding Member will make such employees as are willing to
26 participate available to Requesting Member at Requesting Member's expense equal to
27 Responding Member's full cost, i.e., equal to the employee's applicable salary or hourly
28 wage plus fringe benefits and overhead, and consistent with Responding Member's
29 collective bargaining agreements or other conditions of employment. All costs incurred
30 for work performed during the specified Period of Assistance will be included. The
31 Requesting Member shall be responsible for all direct and indirect labor costs.
32
33 B. **Equipment** – Use of equipment, such as construction equipment, vehicles, tools, pumps
34 and generators, shall be at Responding Member's current equipment rate and subject to the
35 following conditions: The Requesting Member shall reimburse the Responding Member for
36 the use of equipment during the specified Period of Assistance, including, but not limited to,
37 reasonable rental rates, all fuel, lubrication, maintenance, transportation, and
38 loading/unloading of loaned equipment. All equipment shall be returned to the Responding
39 Member as soon as is practicable and reasonable under the circumstances.
40 (a) At the option of Responding Member, equipment may be provided with an
41 operator.
42 (b) Equipment shall be returned to Responding Member within 24 hours after receipt
43 of an oral or written request for return.
44 (c) Requesting Member shall, at its own expense, supply all fuel, lubrication and
45 maintenance for furnished equipment.
46 (d) Responding Member's cost related to the transportation, handling and
47 loading/unloading of equipment shall be chargeable to Requesting Member.
48 (e) In the event equipment is damaged while being dispatched to Requesting Member,
49 or while in the custody and use of Requesting Member, Requesting Member shall
50 reimburse Responding Member for the reasonable cost of repairing said damaged
51 equipment. If the equipment cannot be repaired, then Requesting Member shall

1 reimburse Responding Member for the cost of replacing such equipment with
2 equipment that is of at least equal capability as determined by the Responding
3 Member. If Responding Member must lease a piece of equipment while Requesting
4 Member equipment is being repaired or replaced, Requesting Member shall
5 reimburse Responding Member for such lease costs.
6

7 C. **Materials and Supplies** – Requesting Member shall reimburse Responding Member in
8 kind or at actual replacement cost, plus handling charges, for use of expendable or non-
9 returnable supplies. Other supplies and reusable items that are returned to Responding
10 Member in a clean, damage-free condition shall not be charged to the Requesting
11 Member and no rental fee will be charged; otherwise, they shall be treated as
12 expendable supplies. Supplies that are returned to the Responding Member with
13 damage must be treated as expendable supplies for purposes of cost reimbursement.
14

15 D. **Payment Period** – The Responding Member shall provide an itemized bill to the Requesting
16 Member for all expenses incurred by the Responding Member while providing assistance
17 under this Agreement. The Requesting Member shall send the itemized bill not later than
18 (90) ninety days following the end of the Period of Assistance. The Responding Member
19 may request additional periods of time within which to submit the itemized bill, and
20 Requesting Member shall not unreasonably withhold consent to such request. The
21 Requesting Member agrees to reimburse the Responding Member within 60 days from
22 receipt of an invoice for assistance provided under this Agreement. The Requesting
23 Member may request additional periods of time within which to pay the itemized bill, and
24 Responding Member shall not unreasonably withhold consent to such request, provided,
25 however, that all payment shall occur not later than one-year after the date a final itemized
26 bill is submitted to the Requesting Member.
27

28 E. **Records** - Each Responding Member and its duly authorized representatives shall have
29 access to a Requesting Member's books, documents, notes, reports, papers and records
30 which are directly pertinent to this Agreement for the purposes of reviewing the accuracy of
31 a cost bill or making a financial, maintenance or regulatory audit. Each Requesting Member
32 and its duly authorized representatives shall have access to a Responding Member's books,
33 documents, notes, reports, papers and records which are directly pertinent to this
34 Agreement for the purposes of reviewing the accuracy of a cost bill or making a financial,
35 maintenance or regulatory audit. Such records shall be maintained for at least three (3)
36 years or longer where required by law and as needed for federal reimbursement practices.
37
38

39 **ARTICLE VIII.** 40 **ARBITRATION** 41

42 If any controversy or claim arises out of, or relates to, the Agreement, including, but not limited
43 to an alleged breach of the Agreement, the disputing Members shall first attempt to resolve the
44 dispute by negotiation, followed by mediation and finally shall be settled by arbitration in
45 accordance with the Rules of the American Arbitration Association. Judgment on the award
46 rendered by the arbitrator(s) may be entered in any court having jurisdiction.
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ARTICLE IX.
REQUESTING MEMBER'S DUTY TO INDEMNIFY

Pursuant to Government Code Section 895.4, and subject to Article X, Requesting Member shall assume the defense of, fully indemnify and hold harmless Responding Member, its Directors, Council Members, Supervisors, officers and employees, from all claims, loss, damage, injury and liability of every kind, nature and description, directly or indirectly arising from the Requesting Member's work hereunder, including, but not limited to, negligent or wrongful use of equipment, supplies or personnel provided to Requesting Member or faulty workmanship or other negligent acts, errors or omissions by Responding Member, or by personnel provided to Requesting Member from the time assistance is requested and rendered until the assistance is returned to Responding Member's control, portal to portal.

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ARTICLE X.
SIGNATORY INDEMNIFICATION

In the event of a liability, claim, demand, action or proceeding, of whatever kind or nature arising out of the rendering of assistance through this Agreement, the parties involved in rendering or receiving assistance agree to indemnify and hold harmless all Members whose only involvement is the execution and approval of this Agreement, in the transaction or occurrence which is the subject of such claim, action, demand or other proceeding. Such indemnification shall include indemnity for all claims, demands, liability, damages and costs, including reasonable attorneys' fees and other costs of defense, for injury, property damage and workers compensation.

ARTICLE XI.
WORKER'S COMPENSATION CLAIMS

The Responding Member is responsible for providing worker's compensation benefits and administering worker's compensation for its employees. The Requesting Member is responsible for providing worker's compensation benefits and administering worker's compensation for its employees.

ARTICLE XII.
NOTICE

Each party hereto shall give to the others prompt and timely written notice of any claim made or any suit instituted coming to its knowledge, which in any way, directly or indirectly, contingently or otherwise, affects or might affect them, and each Member shall have the right to participate in the defense of the same, as it considers necessary to protect its own interests.

1 **ARTICLE XIII.**
2 **INSURANCE**
3

4 Members shall maintain an insurance policy or maintain a self insurance program that covers
5 activities that it may undertake by virtue of membership in the Mutual Aid and Assistance
6 Program.
7

8
9 **ARTICLE XIV.**
10 **CONFIDENTIAL INFORMATION**
11

12 To the extent allowed by law, any Member or Associate Member shall maintain in the strictest
13 confidence and shall take all reasonable steps necessary to prevent the disclosure of any
14 Confidential Information provided to it by another Member pursuant to this Agreement. If any
15 Member, Associate Member, or third party requests or demands, by subpoena or otherwise,
16 that a Member or Associate Member disclose any Confidential Information provided to it under
17 this Agreement, the Member or Associate Member shall immediately notify the owner of the
18 Confidential Information and shall take all reasonable steps necessary to prevent the disclosure
19 of any Confidential Information by asserting all applicable rights and privileges with respect to
20 such information and shall cooperate fully in any judicial or administrative proceeding relating
21 thereto.
22

23
24 **ARTICLE XV.**
25 **EFFECTIVE DATE**
26

27 This Agreement shall take effect for a new party immediately upon its execution by said
28 party.
29

30
31 **ARTICLE XVI.**
32 **WITHDRAWAL**
33

34 Any party may terminate its participation in this Agreement by written notice to the Chair of the
35 appropriate RSC and to the SSC Chair. Withdrawal takes effect 60 days after the appropriate
36 officials receive notice. Withdrawal from this Agreement shall in no way affect a Requesting
37 Member's duty to reimburse a Responding Member for cost incurred during a Period of
38 Assistance, which duty shall survive such withdrawal.
39

40
41 **ARTICLE XVII.**
42 **MODIFICATION**
43

44 No provision of this Agreement may be modified, altered or rescinded by individual parties to the
45 Agreement. Modifications to this Agreement require a simple majority vote of Members within
46 each region and unanimous agreement among the regions. The State Steering Committee will
47 notify all parties of modifications to this Agreement in writing and those modifications shall be
48 effective upon 60 days written notice to the parties.
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ARTICLE XVIII.
SEVERABILITY

If any term or provision of this Agreement is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular term or provision held to be invalid.

ARTICLE XIX.
PRIOR AGREEMENTS

To the extent that prior agreements among signatories to this Agreement for mutual assistance are inconsistent with this Agreement, such agreements are hereby superseded. This Agreement supersedes the 1996 Omnibus Mutual Aid Agreement, the WARN 1997 Omnibus Mutual Aid Agreement, and the WARN 2001 Omnibus Mutual Aid and Assistance Agreement.

ARTICLE XX.
PROHIBITION ON THIRD PARTIES AND ASSIGNMENT OF RIGHTS/DUTIES

This Agreement is for the sole benefit of the Members and no other person or entity has rights under this Agreement as a third party beneficiary. Assignment of benefits or delegation of duties created by this Agreement to third parties that are not Members is prohibited and without effect.

ARTICLE XXI.
TORT CLAIMS

This Agreement in no way abrogates or waives any immunity or defense available under California law.

ARTICLE XXII.
INTRASTATE AND INTERSTATE MUTUAL AID AND ASSISTANCE PROGRAMS

To the extent practicable, Members retain the right to participate in mutual aid and assistance activities conducted under the State of California Intrastate WARN Mutual Aid and Assistance Program and the Interstate Emergency Management Assistance Compact (EMAC) and similar programs.

California Water/Wastewater Agency Response Network (CalWARN) 2007 Omnibus Mutual Assistance Agreement

WHEREAS, the California Office of Emergency Services (OES), the Department of Water Resources (DWR), the Department of Public Health (DPH) and the California Utilities Emergency Association (CUEA) have expressed a mutual interest in the establishment of a plan to facilitate and encourage water agency mutual assistance agreements between water agencies; and

WHEREAS, the California Water Agency Response Network (CalWARN) was originally created to provide a forum for the development of mutual assistance agreements between water agencies in the OES Coastal Region of California; and later expanded to all water and wastewater agencies in the State of California, and

WHEREAS, the CALIFORNIA WATER/WASTEWATER AGENCY RESPONSE NETWORK (CalWARN) 2007 OMNIBUS MUTUAL ASSISTANCE AGREEMENT is a continuation of the WARN 1996 OMNIBUS MUTUAL AID and 2001 OMNIBUS MUTUAL AID AGREEMENT and sets forth the mutual covenants and agreements for water and wastewater agencies to provide mutual assistance to one another in times of emergency; and

WHEREAS, State OES regulates the SEMS program, and this agreement is consistent with SEMS, and that it is necessary to have a mutual assistance agreement in place to support requests to FEMA for costs of using assistance during an emergency, and

WHEREAS, the water or wastewater agency hereto has determined that it would be in its best interests to enter into an agreement that implements that plan and sets forth procedures and the responsibilities of the agency whenever emergency personnel, equipment and facility assistance are provided from one agency to the other; and

WHEREAS, no water or wastewater agency should be in a position of unreasonably using its own resources, facilities, or services providing such mutual assistance; and

WHEREAS, it is the intent of WARN to revise this agreement as necessary and to annually publish a list of all water and wastewater agencies participating in this agreement, as posted on www.calwarn.org; and

WHEREAS, such an agreement is in accord with the California Emergency Services Act set forth in Title 2, Division 1, Chapter 7 (Section 8550 et seq.) of the Government Code and specifically with Articles 14 and 17 (Section 8630 et seq.) of the Act.

NOW, THEREFORE, in consideration of the conditions and covenants contained therein, the

(Utility)
agrees to become a party to the CalWARN 2007 Omnibus Mutual Assistance Agreement.

Date: _____

Name: (printed) _____ (signature) _____

Title: _____

Please return an ORIGINAL signed copy of this page, plus the information requested on

Emergency Contacts List to:

Ms. Kelly Hubbard
CalWARN, Region 1, Southern Chair
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley CA 92728

Send a copy to the appropriate Region Chair:

Region I, Southern Chair

Municipal Water District of Orange Co
Kelly Hubbard
18700 Ward Street
Fountain Valley, CA 92728
(714) 593-5010
khubbard@mwdoc.com

Region II, Coastal Chair

Alameda County Water District
Steven Dennis
43885 South Grimmer Boulevard
Fremont, CA 94537
(510) 668-6530
Steve.Dennis@acwd.com

Region III, Inland Chair

Bella Vista Water District
Don Groundwater
11368 East Stillwater Way
Redding, CA 96003-9510
(530) 241-1085
dgroundwater@bvwd.org

Region IV, Inland Chair

Golden State Water
John Spitler
3035 Prospect Park Drive Suite 60
Rancho Cordova, CA 95670
(916) 853-3616
jpspitler@gswater.com

Region V, Inland South Chair

Please send to the State Steering
Committee Chair

Region VI, Southern Chair

Western Municipal Water District
Tom McMillen
14205 Meridian Parkway
Riverside, CA 92518
(951) 571-7252
tmcmillen@wmwd.com

State Steering Committee Chair

Raymond Riordan
City of San Ramon
2662 Marsh Drive
San Ramon, CA 94583
(925) 830-9019
rayriordan@comcast.net



COUNCIL COMMUNICATION

CC #: 9966
File #: 0800-02

Title: 2018 Water and Recycled Water Model Updates Project - Professional Services Agreement
Contact: Colleen Boak 916-774-5535 cboak@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.19.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council approve the award of a Professional Services Agreement to Brown and Caldwell for consultant services in the amount of \$321,305.00 for the 2018 Water and Recycled Water Model Updates Project and adopt a resolution authorizing the City Manager to execute the Contract.

BACKGROUND

The City's Water and Recycled Water hydraulic models have historically served to support the Utilities' operations in a variety of ways. While specific updates to the models have been made in recent years to support different development and rehab projects as well as ongoing operational strategies, the Water and Recycled Water models were last comprehensively updated in 2007 and 2014, respectively.

In order to effectively support current utility conditions, operational strategies, rehabilitation and long range infrastructure planning, a capital improvement project was created to support the update and further development of the Water and Recycled Water Models (Project #500020).

The objectives of the project include:

1. Updating both the Water and Recycled Water Models from the existing H2OMap software (which is no longer supported by the developer) to the latest InfoWater software;
2. Updating both models to include current infrastructure and water demand patterns;
3. Development of a suite of modeling scenarios to support short and long range operational, rehabilitation, and infrastructure planning efforts;
4. Training for City staff to facilitate more robust usage of the models for in-house analyses.

A solicitation for proposals was made on September 24, 2018, for engineering consultant

services for the 2018 Water & Recycled Water Model Updates Project. On October 15, 2018, seven firms submitted proposals for review and consideration. The proposals were evaluated by a Proposal Evaluation Committee comprised of Technical Services, Water, and Recycled Water staff. The proposals were rated based on the evaluation criteria specified in the Request for Proposals. Brown and Caldwell's proposal was ranked highest.

FISCAL IMPACT

This capital improvement project is estimated to cost \$400,000.00, including \$321,305.00 for the agreement with Brown and Caldwell to provide consultant services, in addition to an estimated \$75,000.00 for staff costs. It will be paid from the existing capital improvement project budget (Project #500020), which is funded by the Water Rehabilitation Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

There will be no direct economic development impacts or jobs created within the City of Roseville as a result of this project.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The proposed contract award for professional services does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Colleen Boak, Senior Engineer

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-171

PSA - 2018 Water and Recycled Water Model Updates Project

RESOLUTION NO. 19-171

APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND BROWN AND CALDWELL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a professional services agreement for the 2018 Water and Recycled Water Model Update project, by and between the City of Roseville and Brown and Caldwell, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

PROFESSIONAL SERVICES AGREEMENT

2018 Water and Recycled Water Model Update Project

THIS AGREEMENT is made and entered into this ____ day of _____, 20__,
by and between the City of Roseville, a municipal corporation ("CITY"), and Brown and
Caldwell, a California corporation ("CONSULTANT"); and

W I T N E S S E T H:

WHEREAS, CITY desires professional services consisting of water and recycled water
model updates to improve water system reliability to provide consistent water service; and

WHEREAS, CONSULTANT has prepared a proposal dated October 15, 2018, which
describes the scope of work to be performed by CONSULTANT, the budget for the work, and
the schedule for performance of the work; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional
services.

NOW, THEREFORE, the parties agree as follows:

1. Services. CONSULTANT shall perform, at the direction of CITY, the scope of
services as described in EXHIBIT "A," attached hereto and incorporated herein by this
reference.
2. Compensation. For its services provided hereunder, CONSULTANT shall be
compensated on a time and expense basis in accordance with the budget estimate as described in

EXHIBIT “B,” attached hereto and incorporated herein by this reference. Total compensation shall not exceed three hundred twenty-one thousand, three hundred five dollars (\$321,305.00).

CONSULTANT shall submit one monthly invoice for its services. Such invoices shall be delineated by task, the person performing the services, and the hourly rate, which shall be stated in time increments of not greater than one tenth (1/10) hours. CITY shall pay invoices within thirty (30) days after receipt, if the services specified in the invoice have been satisfactorily completed.

3. Indemnification. To the fullest extent allowed by law, CONSULTANT agrees to indemnify, including the cost to defend CITY, and its officers, agents, employees and volunteers from any and all claims, demands, costs or liability that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of CONSULTANT and its agents in the performance of services under this contract, but this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, arising from the sole negligence, willful misconduct or defects in design by CITY or the agents, servants, or independent contractors who are directly responsible to CITY, or arising from the active negligence of CITY. Notwithstanding any terms of this section, indemnification and defense obligations shall conform to California Civil Code Section 2782.8.

CONSULTANT’s responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

4. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

<u>COVERAGE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Commercial General Liability	\$1,000,000 each occurrence \$2,000,000 aggregate Personal Injury: \$1,000,000 each occurrence \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Professional Liability (errors and omissions)	\$1,000,000 per claim \$2,000,000 aggregate

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO")

CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds.

Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater. Nothing in this section, however, requires CONSULTANT in the absence of litigation to reveal its Commercial General and/or Excess limits beyond where insurance limits are shown above in the Coverage Limits of Liability section.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or non-payment of premium any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor,

regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain full copies of any insurance policy, with confidential information redacted. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

5. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of

this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

6. Time is of the Essence. Time is of the essence of this Agreement. CONSULTANT shall not be responsible for delays caused by circumstances beyond its reasonable control, including, but not limited to (1) strikes, lockouts, work slowdowns or stoppages, or accidents, (2) acts of God, (3) failure of City to furnish timely information, and (4) faulty performance or nonperformance of City, City's independent consultants or contractors, or by governmental agencies. CONSULTANT shall not be liable for damages arising out of any such delay, nor shall the Consultant be deemed to be in breach of this Agreement as a result thereof.

7. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

8. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement in accordance with generally accepted engineering principles and practices in effect at the time services are rendered.

9. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

10. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

11. Independent Contractor. CONSULTANT shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

12. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

13. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

14. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the

Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY after payment to CONSULTANT.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

15. Termination of Agreement. The City may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days advance written notice. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any Material, notwithstanding any termination or any dispute regarding the amount to be paid.

16. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

17. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

18. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

19. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Richard D. Plecker
Environmental Utilities Director
2005 Hilltop Circle
Roseville, CA 95747

CONSULTANT

Melanie Holton, PE
Project Manager
11020 White Rock Road, Ste. 200
Rancho Cordova, CA 95670

Either party may amend its address for notice by giving notice to the other party in writing.

20. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

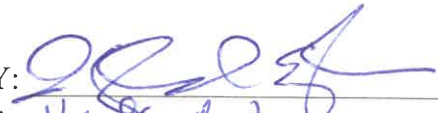
IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk

under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20__, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

BROWN AND CALDWELL, a
California corporation

BY: _____
DOMINICK CASEY
City Manager

BY: 
its: Vice President

ATTEST:

and
BY: 
its: Corporate Secretary

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

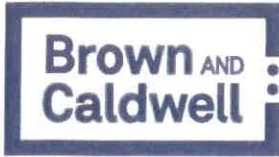
BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: 
RICHARD D. PLECKER
Environmental Utilities Director

EXHIBIT “A”

11020 White Rock Road, Suite 200
Rancho Cordova, CA 95670
Tel: 916.444.0123
Fax: 916.635.8805
www.browncaldwell.com



October 15, 2018

Colleen Boak
City of Roseville
Environmental Utilities Department
2005 Hilltop Circle
Roseville, CA 95747

Subject: Request for Proposals, 2018 Water & Recycled Water Model Updates Project

Dear Ms. Boak:

The City of Roseville (City) is seeking to improve water system reliability to provide consistent water and recycled water service to its customers. The water and recycled water system models are key tools to help meet that strategic goal. By selecting Brown and Caldwell (BC), you will obtain models in which the City can have confidence and that can be used knowledgeably by City staff, with water and recycled water system scenarios identified.

Build confidence in the models' results. Realistic and repeatable outputs are the keys to having confidence in the results from water system models. BC will develop models for the City by using your Geographic Information System (GIS), verifying water system facility data, allocating water demands using recent metered water use, and conducting thorough calibration of the models.

Improve understanding and use of models by City staff. Providing City staff with an understanding of the models' benefits and how to use them will maximize the models' value. BC will integrate operations staff into the update process, prepare Model Development Reports and Procedures Manuals, and provide a training program.

Identify water and recycled water system scenarios. The value of the models is enhanced by using the models to evaluate the right scenarios. BC will work with you to develop the right scenarios to assist in improving system reliability and operations. We will work with you to identify key scenarios, including dry year scenarios with reduced surface water supplies and maximizing groundwater use, as well as develop buildout system scenarios.

We are committed to providing the City consistent, accurate, and creative solutions. The project team will be led by Melanie Holton, PE. She has the experience to successfully complete this project having developed similar water system models for the Cities of Davis and Folsom, San Juan Water District, and Sacramento Suburban Water District (SSWD). Furthermore, we are currently well along in developing water models for Placer County Water Agency (PCWA) and Sacramento County Water Agency (SCWA).

BC is excited to bring our experience and energy to your modeling project and work with you to meet your strategic water supply reliability objective. We will perform the services and adhere to the requirements described in this RFP and Addendum 1. We look forward to discussing the ideas and approaches presented in this proposal. Please contact Melanie Holton at 916.853.5353 or mholton@brwnncald.com if you have any questions.

Very truly yours,

Brown and Caldwell

A handwritten signature in black ink, appearing to read "Melanie Holton".

Melanie Holton, PE
Project Manager

A handwritten signature in black ink, appearing to read "Dave Zuber".

Dave Zuber, PG, PMP
Vice President/Authorized Signatory

Project Plan

Task 1: Project Management

BC will direct, coordinate, and monitor project activities with respect to budget, schedule, and contractual obligations. This task includes day-to-day management and project meetings.

Task 1.1 // Project Management

BC will use its automated project delivery system, WorkSmart, to monitor project costs in real time. BC will use its WorkSmart project tracking system to track physical and financial progress for each task and subtask. BC will submit twelve monthly invoices with a description of the work completed during the invoice period on the invoice.

Task 1.2 // Project Meetings

BC will monitor project progress through up to nine, two-hour project meetings, listed below. BC shall prepare an agenda and meeting notes for each of the project meetings. BC will coordinate with City staff to provide project status updates via up to twenty-four, 30-minute phone calls every two weeks, over the duration of the project.

Meetings related to model training are included in Task 5 and not described in this task.

- Meeting No. 1 – Project kick-off
- Meeting No. 2 – Discuss current water system and recycled water operations and controls
- Meeting No. 3 – Visit key facilities in water system and recycled water system
- Meeting No. 4 – Discuss field flow test calibration plan (water and recycled water)
- Meeting No. 5 – Review water model validation and operational calibration results
- Meeting No. 6 – Review recycled water model validation and operational calibration results
- Meeting No. 7 – Discuss evaluation scenarios for the water system and for the recycled water system.
- Meeting No. 8 – Review draft Water Model Development Report
- Meeting No. 9 – Review draft Recycled Water Model Development Report

Task 2: Model Development and Software Update

This task consists of updating the existing hydraulic models to the InfoWater software and updating the models to current system conditions to build confidence in the models' results. The model development and software update will be documented in Task 4, Model Development Reports.

Task 2.1 // Hydraulic Modeling Software

BC will convert both the water and recycled water hydraulic models from H2OMap to InfoWater models. This process includes utilizing the City's current GIS pipeline layers to update the distribution networks in each of the models and set up the models to allow for future GIS synchronization. This task includes up to one round of connectivity reviews of the City's GIS using the InfoWater tools for identifying connectivity issues in the City's GIS upon import into the hydraulic models. It is assumed the City will provide the model files to BC electronically.

Task 2.2 // Model Development

Developments or updates of the hydraulic models involve gathering and reviewing data from the City, creating an updated network, allocating demand, and creating diurnal demand flow patterns for extended period simulation.

Task 2.2.1 // Data Collection and Review

BC will provide a list of information needed to create the hydraulic models. This includes billing and SCADA data. We will request your current water system GIS shapefiles, as well as facility capacities, pump curves and controls, pressure reducing valves, water treatment plant clearwell and treated water pump station configuration, groundwater wells, and groundwater elevations. We will also request City-approved Specific Plans and GIS files of future backbone infrastructure for these areas for the buildout scenarios described in Task 2.2.5. Up to two BC staff will also visit key facility sites with City staff as included in Task 1.2 meeting No. 4.

Task 2.2.2 // Update the Distribution Network and Facilities

BC will update the models using the City's GIS data. We will use the modeling software tools to update the geometric

network of the piping and facilities, including linking GIS pipelines to modeled facilities. We will update the pump curves, pump and tank operation controls, and groundwater pumping level elevations. We will update the models to include 24-hour extended period simulation capabilities. We will provide QA/QC in the models using BC's 75-point model checklist.

Task 2.2.3 // System Demand Allocation

BC will geographically allocate demand data to the model demand nodes based on correlating meter location and billing data that the City will provide. We will use BC's spreadsheet tool to assign each meter location to the nearest model node within the same pressure zone. The spreadsheet will calculate the water use for each customer from the billing data for a specified time period. For the customers in the recycled water system, we will collect data and information on current schedule practices.

Task 2.2.4 // Diurnal Flow Patterns

BC will create new diurnal flow patterns from the latest SCADA data. BC will use our diurnal pattern calculator spreadsheet that uses SCADA data from the water system to develop the appropriate diurnal patterns to use in the hydraulic model. Diurnal patterns are calculated from SCADA data at pumps and tanks and will be calculated for individual pressure zones as SCADA data will allow. For recycled water customers, depending upon the metered data that is available, it may be recommended to perform flow monitoring to gather data to develop diurnal demand patterns.

Task 2.2.5 // Buildout Scenario

BC will create a buildout scenario in each of the hydraulic models to incorporate future water demands. Buildout water demands and recycled water demands will be provided to BC from the City in spreadsheet format and BC will not further analyze projected buildout demands for the potable water system or the recycled water system. BC will allocate future demands to the larger future recycled water development areas based on the land uses identified in the Specific Plans. Buildout demand scheduling for the recycled water model will be estimated based on discussion with City staff. The buildout scenario in each of the hydraulic models will also incorporate the backbone infrastructure planned for buildout conditions defined within existing City-approved Specific Plans areas based on GIS files for piping and land use from the Specific Plans that the City will provide.

Task 2.2.6 // Scenario Development

BC will develop up to 10 scenarios for the water model and up to 6 scenarios for the recycled water model. We will work with City staff to develop the scenario list. Because the models will be developed as extended period simulation scenarios with diurnal flow patterns as described in Task 2.2.4, scenarios will include maximum day and peak hour demand in one scenario.

This task consists of BC working with City staff to identify the scenarios for the models (meeting is included in Task 1) and create these scenarios in the hydraulic model. Effort for scenario evaluation and model runs analysis are not included in this scope of work.

Task 3: Model Validation and Calibration

BC implements a two-pronged approach for model calibration – operational calibration to confirm the model accurately reflects system operations, and field calibration to calibrate system pressures and flows. The Model Validation and Calibration will be documented as part of the Task 4 Model Development Reports.

Task 3.1 // Operational Calibration

Operational calibration is necessary to confirm the City's models accurately reflect tank, pump, and interconnection operations. This calibration is necessary to make sure the models operate correctly for day-to-day (extended period simulation) operations.

As part of the calibration, we will adjust operational settings and controls in the models to match model results with actual SCADA information. BC will use our operational calibration spreadsheet tool to compare flow and pressure data from raw SCADA data to model output. We will operationally calibrate the hydraulic models by adjusting the model operational controls until the model flows and pressures at pumps, tanks, and interties match SCADA data.

We will correlate model interconnection flows to the historical metered flow and pressure at each connection. Input through discussions with engineering and operations staff is important to understand the system operations. It is assumed we will calibrate up to 21 water facilities, 5 of which are PRVs, and up to 7 recycled water system facilities.

Task 3.2 // Field Calibration

Field testing is useful to confirm the hydraulic grade line (HGL) or pressures and head loss response due to friction along the walls as water flows in the pipes. BC will use a comparison of the model results to the field results for static and residual pressures to calibrate system pressures and flows for the water system. This field calibration assists with identifying

anomalies such as closed valves in the field. Up to two BC staff will perform up to 12 flow tests within the City's water system service area over two days. It is assumed that City operations staff will be available to open and close hydrants for these field tests. BC will work with the City's Operations staff to select exact locations for flow test and residual monitoring hydrants. Standard practice for model calibration is to gain consistency between the model and field results within approximately 5 pounds per square inch (psi).

The field testing will also include data and information from up to five continuous pressure and flow recorders to be in use for a minimum of five days. BC will use data from continuous pressure and flow data recorders on active locations that are not currently included in the City's SCADA system. This will establish hydraulic grade lines and flows at these points of connection.

Field calibration for the recycled water system is accomplished by performing a hydraulic grade line (HGL) test of the representative sections of transmission piping under a known flow rate and by comparing the collected pressure data to the model simulation results under the same flow and demand conditions. Up to 8 HGL tests will be performed over 1.5 days in the field. Up to two BC staff will work with City staff to perform the flow tests. It is assumed that the City operations staff will be available to assist with these tests.

BC will develop a Draft and Final Field Calibration Testing Plan to define and illustrate how BC will work with the City. It is assumed the City will provide one consolidated set of comments on the draft Field Calibration Testing Plan.

Task 4: Model Development Reports

BC will document how we updated the models, so you can easily maintain and update the models in the future and improve City staff's understanding and use of the models.

Task 4.1 // Draft Model Development Reports

BC will develop draft Model Development Reports to document the hydraulic models' development and analysis. These reports will describe the data we used for each of the model components.

Below is a list of the elements to be included in the model reports. These elements are from the effort described in Tasks 2 and 3.

- Data collection, including SCADA data, field system pressure and flow recording, fire hydrant flow testing
- Existing system facilities and operations, including water and recycled water systems' facilities maps, as well as pump control on/off settings and storage tank operations will be described
- A summary of the water and recycled water demands based on City billing records and SCADA data used to develop the demands, diurnal curve for the system, and future buildout demand allocation assumptions
- A summary of the models' development/update methodology, GIS syncing, and calibration
- Models' scenario identification, including scenario assumptions

Task 4.2 // Final Model Development Reports

City staff will review the draft reports and provide comments in one consolidated set for each report. BC will incorporate comments from the City to develop the final Model Development Reports. BC will provide electronic file PDFs, as well as up to five hard copy bound documents of the Water Model Development Report and the Recycled Water Model Development Report.

Task 5: Staff Training

The staff training is divided into GIS-focused training and engineering-focused training. Unless noted otherwise, all training will occur at the City's office.

Task 5.1 // Presentation to City Staff

BC will provide one two-hour presentation to City staff at the City's office to summarize the efforts made to calibrate the water and recycled water models. We will use our calibration tool graphs to illustrate the comparison of the SCADA system data with the model predictions. This presentation could be useful to educate a larger group of staff, at various technical levels, on the City's models, and model uses. We will provide up to twelve handouts of the presentation.

Task 5.2 // GIS Focused Training

BC will provide one session of up to four hours of training to City staff for interfacing and updating both models with new GIS data in the future. We refer to this as model synchronization with GIS. As part of Task 2.1 the model will be linked to the City's GIS through an InfoWater tool called GIS Gateway. GIS Gateway allows the user to set up links between GIS and model layers. BC will set up the model to allow for synchronization in Task 2.1 and train your GIS staff in this task to conduct model

updates periodically, so your model remains updated and relevant.

Task 5.3 // Engineering Focused Training

BC will provide up to four, half-day, four-hour sessions of hands-on training for City staff in the engineering applications and uses for both hydraulic models, with specific attention to these functions/analysis:

- Fireflow
- Offsite impacts from new developments
- Water quality
- Source tracing
- Analyses of new CIP infrastructure
- Demand and supply scheduling
- UDF
- File and model integrity management

The training session approach considering the functions and analysis that are relevant and of interest to the City for the water and recycled water models is as follows:

- Training Session No. 1 Model Development
 - Working in the InfoWater interface – how to navigate within the InfoWater environment and menus
 - Steady state and extended period simulation model setup and model runs – setting up, running, and viewing results of model runs
 - Scenario management – how to develop new scenarios for analysis
- Training Session No. 2 Model Analysis Part 1
 - Demand and supply scheduling
 - Offsite impacts from new developments
 - Analysis of new CIP infrastructure
- Training Session No. 3 Model Analysis Part 2
 - Fire flow analysis – how to model a single fire flow or analyze fire flow capacity or deficiencies in the system
 - Other analysis features – how to run water quality, source traces, and water age analysis
 - UDF
- Training Session No. 4 Model Administrative Procedures and Model updates
 - Demand allocation updates – how to update demand allocations periodically, as new infrastructure is added to the model as part of the GIS syncing updates or other system changes
 - Model users – defining who should have control and access to the model; this includes defining procedures for loaning model files to internal and external users while maintaining model integrity
 - Model files and folders - procedures for saving and naming model files and model version control

Task 5.4 // Deliverable

At the conclusion of the on-site training, BC and the staff being trained will discuss items in which the City would like to have additional documentation. BC will develop additional, step-by-step instructions for up to ten specific topics. The additional instructions will be provided in a procedure manual. BC will provide a draft procedure manual in electronic format. It is assumed that the City will provide one set of consolidated comments on the draft procedure manual. BC will incorporate the comments into a final procedure manual. We will submit the final procedure manual as an electronic PDF as well as 3 hard copies in 3-ring binders.

Task 6: On-Call Services

BC will provide up to 60 hours of on-call support for the modeling. The initial model training described in Task 5.2 and 5.3 provides a good basis for modeling, but additional assistance will be required as questions are encountered, especially as staff are just starting to use InfoWater. The on-call assistance will include phone calls, web conferences, and face-to-face discussions as-needed. For CHWD, BC performed initial training on using the model, but on-call assistance was necessary for the new District modeling staff.

Schedule

Figure 1 illustrates the schedule of the tasks described in this scope of work. It is assumed that the City will provide all requested data within 1.5 months of BC submitting the data request. It is also assumed that the City will provide review comments on draft document deliverables within 2 weeks of submittal.

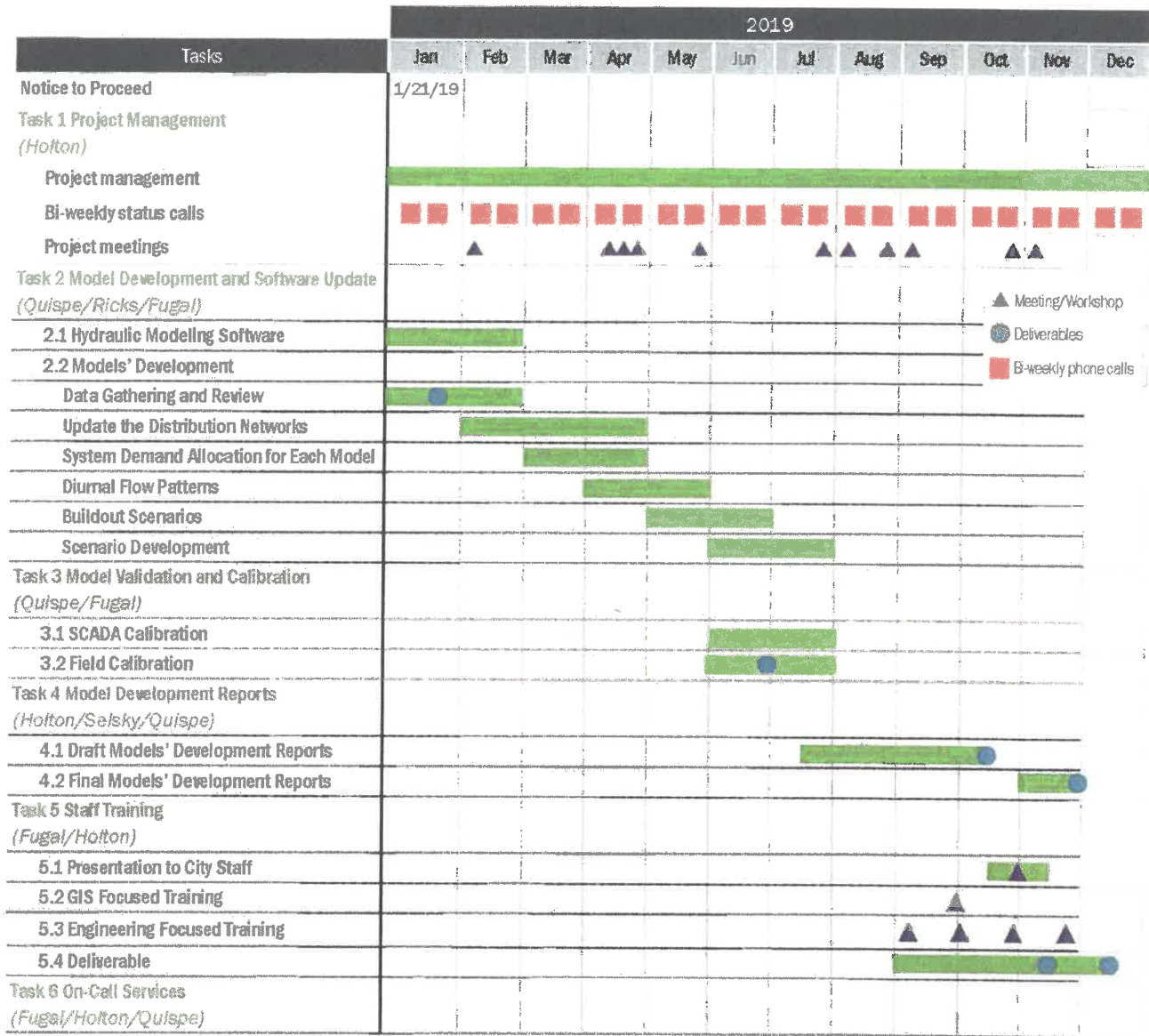


Figure 1. Project Schedule

EXHIBIT “B”

City of Roseville - 2018 Water and Recycled Water Model Updates Project - Cost Proposal

Task	Task Description	Holton, Melanie E Project Manager (Supervising Engineer)	Stubblefield, Kimberly D Project Analyst (Accountant III)	Selsky, Paul Scenarios Development (Vice President)	Quispe, Carlos E Model Update (Engineer II)	Schock, Dawn M Word Processing (Word Processor IV)	Fugal, Andrew L Model Training (Supervising Engineer)	Liechty, Sherr R QA/QC (Vice President)	Crawford, Tina D GIS (Supervising Illustrator)	Ricks, Colin R Model Update (Engineer III)	Surio, Lindsay B Invoicing (Accountant II)	Zuber, John D Project Oversight (Vice President)	Harrison, Michael J Project Oversight (Managing Engineer)	Total Labor Hours	Total Labor Effort	Airfare	Lodging and Food	Other Travel	Supplies	Mileage	Total Expense Effort	Total Effort
		\$227.36	\$103.94	\$295.87	\$99.84	\$98.46	\$213.79	\$262.69	\$143.20	\$123.04	\$90.72	\$328.16	\$277.25									
1.	Project Management	101	28	12	20	0	8	0	0	0	11	8	5	193	38,163	350	200	100	0	350	1,000	39,163
1.1	Project Management	24	28	0	0	0	0	0	0	0	11	8	5	76	13,399	0	0	0	0	0	0	13,399
1.2	Project Meetings	77	0	12	20	0	8	0	0	0	0	0	0	117	24,764	350	200	100	0	350	1,000	25,764
2.	Model Development/Software Update	46	0	28	360	0	42	3	8	40	0	0	0	527	70,520	0	0	0	0	0	0	70,520
2.1	Hydraulic Modeling Software	0	0	0	24	0	10	1	0	4	0	0	0	39	5,289	0	0	0	0	0	0	5,289
2.2	Model Development																					
2.2.1	Data Collection and Review	4	0	0	40	0	0	0	0	8	0	0	0	52	5,887	0	0	0	0	0	0	5,887
2.2.2	Update the Distribution Network and Facilities	8	0	0	80	0	8	1	0	16	0	0	0	113	13,748	0	0	0	0	0	0	13,748
2.2.3	System Demand Allocation	8	0	0	60	0	8	0	0	0	0	0	0	76	9,520	0	0	0	0	0	0	9,520
2.2.4	Diurnal Flow Patterns	6	0	0	80	0	8	0	0	0	0	0	0	94	11,062	0	0	0	0	0	0	11,062
2.2.5	Buildout Scenario	12	0	4	16	0	0	0	8	0	0	0	0	40	6,655	0	0	0	0	0	0	6,655
2.2.6	Scenario Development	8	0	24	60	0	8	1	0	12	0	0	0	113	18,360	0	0	0	0	0	0	18,360
3.	Model Validation and Calibration	92	0	0	234	2	38	5	6	28	0	0	0	405	58,218	0	0	0	5,500	0	5,500	63,718
3.1	Operational Calibration																					
	Water System	12	0	0	74	0	24	1	0	12	0	0	0	123	16,987	0	0	0	0	0	0	16,987
	Recycled Water System	8	0	0	21	0	12	1	0	8	0	0	0	50	7,728	0	0	0	0	0	0	7,728
3.2	Field Calibration																					
	Water System	46	0	0	100	2	2	2	6	4	0	0	0	162	22,944	0	0	0	4,000 *	0	4,000	26,944
	Recycled Water System	26	0	0	39	0	0	1	0	4	0	0	0	70	10,560	0	0	0	1,500 *	0	1,500	12,060
4.	Model Development Reports	136	0	34	56	38	12	2	24	20	0	0	0	322	59,302	0	0	0	0	0	0	59,302
4.1	Draft Model Development Reports	80	0	20	40	22	12	2	16	16	0	0	0	208	37,617	0	0	0	0	0	0	37,617
4.2	Final Model Development Reports	56	0	14	16	16	0	0	8	4	0	0	0	114	21,685	0	0	0	0	0	0	21,685
5.	Staff Training	54	0	4	124	20	188	6	22	0	0	0	0	418	72,730	2,100	1,200	600	400	150	4,450	77,180
5.1	Presentation to City Staff	14	0	4	4	0	8	0	2	0	0	0	0	32	6,763	350	200	100	0	25	675	7,438
5.2	GIS Focused Training	6	0	0	0	0	20	2	2	0	0	0	0	30	6,452	350	200	100	0	25	675	7,127
5.3	Engineering Focused Training	24	0	0	0	0	80	2	8	0	0	0	0	114	24,231	1,400	800	400	400	100	3,100	27,331
5.4	Deliverable	10	0	0	120	20	80	2	10	0	0	0	0	242	35,284	0	0	0	0	0	0	35,284
600	On-Call Services	14	0	0	14	0	32	0	0	0	0	0	0	60	11,422	0	0	0	0	0	0	11,422
GRAND TOTAL		443	28	78	808	60	320	16	60	88	11	8	5	1,925	310,355	2,450	1,400	700	5,900	500	10,950	321,305

Note: Expenses include field calibration equipment rental.



COUNCIL COMMUNICATION

CC #: 9972

File #: 0900-02-02-1

Title:	Dry Creek Wastewater Treatment Plant Cogeneration Project - Extension Agreement
Contact:	Colleen Boak 916-774-5535 cboak@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.20.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution ratifying the City Manager's signature of a Gas and Electric Extension Agreement with Pacific Gas & Electric (PG&E) in the amount of \$37,795.06 to support the Dry Creek Wastewater Treatment Plant (DCWWTP) Cogeneration Project. The cost of this Extension Agreement will be paid from the existing capital improvement project budget (Project # 173510), which is funded by the Wastewater Rehabilitation Fund.

BACKGROUND

On January 10, 2018, City Council approved the award of a Design Assist Construction Agreement for the DCWWTP Cogeneration Project. The Project is currently under construction, with anticipated completion in July 2019. The project has been awarded a PG&E Self Generation Incentive Program (SGIP) Grant totaling \$664,320.00 which requires completion of the project by the July 2019 deadline, as well as additional reporting and performance requirements.

The Cogeneration Project includes replacement of an engine-driven blower with an engine-generator, construction of a digester gas conditioning system, construction of a receiving station for fats, oils and grease (FOG), and construction of ancillary facilities to support the project. FOG will be injected into the existing anaerobic digestion process to increase digester gas production. Digester gas will be conditioned to remove undesirable components, then used to fuel the engine-generator which will create electricity for plant usage, thereby offsetting energy costs for operation of the plant as a whole.

The DCWWTP has an existing commercial gas service which is intended for hot water heaters and boilers. PG&E requires a separate metered service for cogeneration gas service; therefore, a new service and meter set must be installed to support the operation of the engine-generator. This new service and the engine-generator must be in place and operational by the July 2019 project deadline to comply with provisions of the grant funding. The Pacific Gas & Electric Gas and Electric Extension Agreement was signed by the City Manager to support the installation of necessary infrastructure without delaying the compressed construction schedule, allowing for adherence for the grant funding deadline.

FISCAL IMPACT

Funding for this Extension Agreement was budgeted and included in the existing DCWWTP Cogeneration capital improvement project (#173510). No additional funding is necessary.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

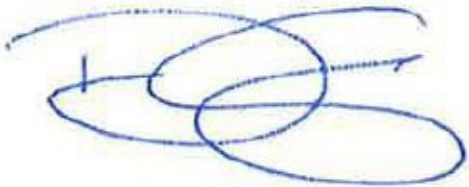
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The adoption of a resolution to ratify the City Manager's signature does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Colleen Boak, Senior Engineer

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-175

PG&E Gas and Electric Extension Agreement Signed

RESOLUTION NO. 19-175

RATIFYING THE CITY MANAGER'S EXECUTION OF A GAS AND ELECTRIC
EXTENSION AGREEMENT WITH PACIFIC GAS & ELECTRIC FOR THE DRY CREEK
WASTEWATER TREATMENT PLANT COGENERATION PROJECT

WHEREAS, on January 10, 2018, City Council approved the award of a Design Assist Construction Agreement for the Dry Creek Wastewater Treatment Plant (DCWWTP) Cogeneration Project and the project is currently under construction with an anticipated completion in July 2019; and

WHEREAS, the project has been awarded a PG&E Self Generation Incentive Program (SGIP) Grant totaling \$664,320.00 which requires completion of the project by the July 2019 deadline, as well as additional reporting and performance requirements; and

WHEREAS, the DCWWTP has an existing commercial gas service which is intended for hot water heaters and boilers; and

WHEREAS, PG&E requires a separate metered service for cogeneration gas service; therefore, a new service and meter set must be installed to support the operation of the engine-generator; and

WHEREAS, this new service and the engine-generator must be in place and operational by the July 2019 project deadline to comply with provisions of the grant funding; and

WHEREAS, the Pacific Gas & Electric Gas and Electric Extension Agreement was signed by the City Manager to support the installation of necessary infrastructure without delaying the compressed construction schedule, allowing for adherence for the grant funding deadline; and

WHEREAS, staff recommends City Council ratifying the City Manager's execution of the Gas and Electric Extension Agreement.

WHEREAS, the Pacific Gas & Electric Gas and Electric Extension Agreement for the DCWWTP Cogeneration project has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the City Manager's execution of said agreement is hereby ratified on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Customer Payment Coupon

CITY OF ROSEVILLE, GOVERNMENT AGENCY

311 VERNON ST
ROSEVILLE CA 95678

For Internal Use	
Notification#	114306573
Contract#	50004730 V1
E PM#	
G PM#	35043467
E-Prior MLX/PM #	
G-Prior MLX/PM #	1949
Customer#	2037409

Customer Payment Summary

1800 BEDELL LN, ROSEVILLE, CA, 95747

Please pay the total amount due that corresponds to the option you select on page two of the enclosed extension agreement and enclose payment.

Payment Options	Total Due	
10-Year Refundable Advance Option Gas and Electric	\$50,038.27	\$50,038.27
Non-Refundable 50 percent Discount Option for Gas and Electric	\$37,795.06	\$37,795.06
10-Year Refundable Advance Option for Gas and Non-Refundable 50 percent Discount Option for Electric	\$50,038.27	\$50,038.27
Non-Refundable 50 percent Discount Option for Gas and 10-Year Refundable Advance Option for Electric	\$37,795.06	\$37,795.06

Please pay the total amount due that corresponds to the option you select on page two of the enclosed extension agreement.

Important Payment Information

To complete your contract ONLINE

- Follow the instructions provided with your electronic contract
- Submit payment at pge.com/contractpayments

To complete your contract BY MAIL

- Please make check payable to: **PG&E** or **Pacific Gas and Electric**
- Complete, sign and return the enclosed agreement(s), the SACAC form and the customer payment coupon with your payment
- Remit payment and SACAC form to:**
PG&E CFM/PPC Department
PO BOX 997340
Sacramento, CA 95899-7340

IMPORTANT MESSAGE

Please review the enclosed information and total due. This document needs to be returned with the enclosed agreements.

If you complete your contract ONLINE, a copy will be saved to your Customer Connections Online (CCO) account at pge.com/cco.

To learn more about PG&E's gas and electric safety initiatives and resources please visit pge.com/safety.

Have Questions?
Please Call 1-800-422-0436



114306573G



Gas and Electric Extension Agreement*

December 14, 2018

CITY OF ROSEVILLE, GOVERNMENT AGENCY

311 VERNON ST, ROSEVILLE, CA, 95678

Dear DOMINICK CASEY

Re: 1800 BEDELL LN, ROSEVILLE, CA, 95747

For Internal Use

Notification #	114306573
Contract #	50004730 V1
E-PM #	
G-PM #	35043467
E-Prior MLX/PM#	
G-Prior MLX/PM#	1949
Customer #	2037409

We are writing to let you know Pacific Gas and Electric Company (PG&E) will extend its facilities to provide the requested gas and electric service to the project address listed above. PG&E's costs have been developed based on the choices and information provided in your application and may change if you make changes. This letter, including PG&E's tariffs, which are incorporated by reference below, will serve as our contract. As required by the California Public Utilities Commission (CPUC), special facilities will be handled in a separate contract. Please complete the following four steps to execute this contract.

1 Review the following work responsibilities and cost information.

Work To Be Done By	GAS MAIN		GAS SERVICE		ELECTRIC DISTRIBUTION			ELECTRIC SERVICE		
	Trench	Pipe	Trench	Pipe	Trench	Substr.	Facilities	Trench	Substr.	Facilities
PG&E			X	X						
Customer										

GAS ELECTRIC

Total non-refundable project costs	\$25,551.86	\$0.00
Refundable extension costs	\$28,672.94	\$0.00
Allowances (credit)	- \$4,186.53 -	\$0.00
Net refundable amount	= \$24,486.41 =	\$0.00

10 YEAR REFUNDABLE OPTION

Net refundable amount	\$24,486.41	\$0.00
Credit for value of design and/or facilities provided by applicant	- \$0.00 -	\$0.00
Total non-refundable project costs	+ \$25,551.86 +	\$0.00
Total (if you select this option)	= \$50,038.27 =	\$0.00

NON-REFUNDABLE 50% DISCOUNT OPTION

Net refundable amount	\$24,486.41	\$0.00
Discount: 50% of Net refundable amount	- \$12,243.21 -	\$0.00
Credit for value of design and/or facilities provided by applicant	- \$0.00 -	\$0.00
Total non-refundable project costs	+ \$25,551.86 +	\$0.00
Total (if you select this option)	= \$37,795.06 =	\$0.00

Potential refund per residential lot/unit	\$0.00	\$0.00
---	--------	--------

Potential reimbursement per service completion

Pressurized or energized system	\$0.00	\$0.00
Not pressurized or energized system	\$0.00	\$0.00
Reimbursement for other work performed	\$0.00	\$0.00

All amounts include the Income Tax Component of Contribution (ITCC) PG&E is required to charge customers, where applicable.

DEFINITIONS AND EXPLANATION OF TERMS

(For more detail see rules 15 and 16):

Total non-refundable project costs include costs for work such as electric trench and excavation, conduits, inspections, streetlights, conversion from overhead to underground and contract processing.

Refundable extension costs include costs for facilities such as electric conductor, transformers and poles; gas pipe, gas share of distribution trench and regulators; and meters.

Allowances are a credit against refundable extension costs. They are based upon the number of residential units expected to be connected within the first six months and the expected annual non-residential net (distribution) revenue from your project.

Allowances granted under either option are subject to **deficiency billing** if the number of residential units connected or the annual non-residential net revenue falls below the forecast used to calculate the allowances.

Net refundable amount is the portion of overall costs eligible for refund to you based upon additional residential meters being set or upon increases in non-residential annual net (distribution) revenue. A cost-of-ownership charge is assessed against the Net refundable amount (except for individual residential applicants) per Rule 15.

Potential refund per residential lot/unit is for those lots/units for which you did not already receive an allowance (i.e., units not expected to be connected in the first six months). Any refunds may be decreased or eliminated by cost-of-ownership charges assessed under the provisions of Rule 15.

Potential reimbursement per service completion is the amount to which a customer may be entitled for performing certain service connection work PG&E would otherwise perform when installing service extensions and are not to be confused with refunds.

Reimbursement for other work performed is the amount to which a customer may be entitled for performing certain work (other than service completions) that normally is PG&E's responsibility.

* Automated document,
Preliminary Statement, Part A

Form 79-1169
Advice 3579-G/4607-E
March 2015



114306573G



Gas and Electric Extension Agreement*

2 Select one of the following payment options.

- ☐ 10-Year Refundable Option for Gas and Electric
- ☒ Non-Refundable 50 Percent Discount Option for Gas and Electric
- ☐ 10-Year Refundable Option for Gas and Non-Refundable 50 Percent Discount Option for Electric
- ☐ Non-Refundable 50 Percent Discount Option for Gas and 10-Year Refundable Option for Electric

Gas	Electric	Advance	Total Due
\$50,038.27	\$0.00	\$0.00	\$50,038.27
\$37,795.06	\$0.00	\$0.00	\$37,795.06
\$50,038.27	\$0.00	\$0.00	\$50,038.27
\$37,795.06	\$0.00	\$0.00	\$37,795.06

3 Review these important terms and conditions.

This Gas and Electric Extension Agreement is controlled by, and incorporates by reference, PG&E's tariffs, including Gas and Electric rules 2, 15, and 16; the Distribution and Service Extension Agreement-Provisions (Form 62-0982) and the General Terms & Conditions for Gas and Electric Extension & Service Construction by Applicant (Form 79-716), all as approved and authorized by the CPUC. This agreement at all times shall be subject to such modifications as the CPUC may direct from time to time in the exercise of its jurisdiction.

You can view PG&E's tariffs online at pge.com/tariffs or contact the PG&E representative listed below. Additional details underlying the amounts shown in this agreement, as well as the calculation of allowances, refunds or deficiency bills can also be provided by your local PG&E representative.

4 After completing steps 1, 2 and 3 and having checked one, but only one, of the four payment options above, please complete and return the following items to PG&E.

- Sign and return this contract as indicated below.
- Submit the Payment Coupon with Total Due based on your option selected.
- Sign and return the enclosed Statement of Applicant's Contract Anticipated Costs (SACAC) [Form 79-1003] (explanation in box to the right).

Please provide your payment and required forms within 90 days from 14-Dec-18
PG&E is not bound by the costs set forth above if payment and the signed forms are not received by PG&E within 90 days.

If you have any questions, please contact Joshua Deadmore at 530-514-5301 or by email at JDDO@pge.com

ADDITIONAL INFORMATION

What is the SACAC form

Under PG&E's rules 15 and 16 you have a choice: you can perform the work yourself, hire a qualified contractor to perform the work or hire PG&E to do the work. We are required by the CPUC to provide you with PG&E's costs.

This form identifies our cost for the refundable service that is PG&E's responsibility to install. PG&E's costs were developed based on your choices within the application and may change if you change that choice.

How do I fill out the SACAC?

If you want to do this work yourself or have a qualified contractor do this work, please enter your estimated costs in the section of the SACAC form entitled "Applicant's Costs" or check the box in the section entitled "Applicant's Election Not To Provide Costs," sign and return to PG&E. PG&E will send you a revised agreement by return mail only if you choose to provide your estimated costs.

If you want PG&E to do this work, please check the section "Applicant's Election Not to Provide Costs," sign and return the SACAC form along with a check for the Total Due based on the option you selected above.

You must return the completed SACAC form to PG&E regardless of who you choose to do the work.

Please follow payment instructions found on your Payment Coupon.

Pacific Gas and Electric Company

This contract has been reviewed and approved by:

Andy Navarrette
Service Planning Supervisor

Customer

Agreed and accepted by:

CITY OF ROSEVILLE, GOVERNMENT AGENCY

Authorized Signatory DOMINICK CASEY

Title CITY MANAGER

Signature

Date 2/12/19



114306573G



STATEMENT OF APPLICANT'S CONTRACT ANTICIPATED COSTS.*

Project Name: DCWWTP COGERATION AND NITRATE REDUCTION

Project Location: 1800 BEDELL LN,ROSEVILLE,CA,95747

Notification Number: 114306573

PM Number(s): (Gas) 35043467 (Electric)

APPLICANT COSTS

The following statement must only include the contracted anticipated installed costs of facilities installed by the Applicant that are refundable and that are PG&E's responsibility under its tariffs.

The costs provided by the Applicant must be taken from the Applicant's contract with its contractor. If the Applicant will be performing the work itself, the Applicant must also complete and sign this form.

The Applicant's statement of costs will be compared with PG&E's estimated installed costs of the same facilities, the lower of which will be used to determine the amount subject to allowances and refunds in accordance with the provisions of PG&E's Gas and Electric Rules 15 and 16.

If the Applicant chooses not to provide its costs, it must complete the last section of this form. Until the Applicant either provides the refundable cost from its contract with its contractor (or its own cost, if applicable), or returns this form indicating that it will not do so, PG&E will not proceed with any work on the Applicant's project.

GAS

Residential Service Facilities:

Applicant: \$ _____

PG&E: \$0.00

Number of gas service: 0

Stubs:0

ELECTRIC

Residential Service Facilities:

Applicant: \$ _____

PG&E: \$0.00

Number of Electric service: 0

Applicant's statement of costs include: overhead or underground service conductors, poles, service transformers, connection fittings, service pipe, valves, service connections, and other PG&E-owned service equipment, as detailed in Gas and Electric Rule 16.

Applicant's statement of costs DOES NOT include: inspection fees, nonresidential service costs, regulators, or PG&E-owned metering equipment.



114306573G

GAS**Gas Distribution Facilities
and Non-Residential Service Services:**

Applicant: \$ _____

PG&E: \$3,144.81**ELECTRIC****Electric Distribution Facilities
and Non-Residential Service Services:**

Applicant: \$ _____

PG&E: \$0.00**GAS DISTRIBUTION TRENCH**

Applicant: \$ _____

PG&E: \$0.00

Applicant's statement of costs include: cables, switches, transformers, distribution main, valves, regulators, nonresidential service costs, and other distribution facilities required to complete the distribution line extension, as detailed in Gas and Electric Rule 15 as PG&E's responsibility.

Applicant's statement of costs DOES NOT include: inspection fees, tie-in of system by PG&E, distribution substructures, electric trench, conduits, feeder conduits, or protective structures, as detailed in Gas and Electric Rule 15.

I declare under penalty of perjury that the foregoing is true and correct.

☒ **APPLICANT'S ELECTION NOT TO PROVIDE COSTS:** (If this option selected, box must be checked)

I choose not to provide to the utility my refundable costs for this project as taken from my contract with my contractor, or as performed by myself, and acknowledge that PG&E will use its estimate of the refundable costs for this project in the contract between it and me.

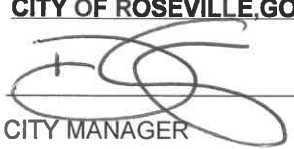
Executed on 2-12-2019 at Roseville, CA
(Date) (City)

By:

Print Applicant Name: CITY OF ROSEVILLE GOVERNMENT AGENCY

Signed: _____

Title: _____


CITY MANAGER



Pacific Gas and Electric Company
Detailed Cost Sheet- Gas Distribution
and Service Extension Costs

REFERENCES:

Notification # 114306573
 Contract # 50004730 V1
 G-PM # 35043467
 GRR-PM #
 MLX # 1949

Cost Breakdown

Applicant **CITY OF ROSEVILLE,GOVERNMENT AGENCY**
 Project Location/Name **1800 BEDELL LN,ROSEVILLE,CA,95747**

Total number of residential lots/units for this project: 0
 Total number of non-residential lots/units for this project: 1
 Total number of combined meters: 1

Cost of Services: ⁽⁵⁾

Engineering & Administrative Costs				<u>\$0.00</u>
Value of Applicant Design Work		(+)		<u>\$0.00</u>
Service Tie-In Cost (Pressurized) by PG&E		(+)		<u>\$0.00</u>
Gas Metering & Regulation		(+)		<u>\$0.00</u>
Service Connections		(+)		<u>\$0.00</u>
Inspection Fees		(+)		<u>\$0.00</u> ⁽⁴⁾
Service Cost - PG&E installed	# Services	<u>0</u>	(+)	<u>\$0.00</u>
Service Cost - Applicant installed	# Services	<u>0</u>	(+)	<u>\$0.00</u> ⁽⁵⁾
Total Estimated Cost of Service Subject to Allowance		(=)		<u>\$0.00</u>

Cost of Service Within Allowance:

Residential Service Allowance

Water Heaters:	<u>\$728.00</u>	X	<u>0</u>	Units		<u>\$0.00</u>
Space Heaters:	<u>\$890.00</u>	X	<u>0</u>	Units	(+)	<u>\$0.00</u>
Oven / Range:	<u>\$79.00</u>	X	<u>0</u>	Units	(+)	<u>\$0.00</u>
Dryer Stub:	<u>\$30.00</u>	X	<u>0</u>	Units	(+)	<u>\$0.00</u>

Total Residential Service Allowance		(-)		<u>\$0.00</u> ⁽¹⁾
Excess Service Cost		(=)		<u>\$0.00</u>
Estimated Service Cost Within Allowance (Total less Excess)		(=)		<u>\$0.00</u>
Average Cost per Lot or Unit Within Allowance				
<u>\$0.00</u>	/	<u>0</u>	=	<u>\$0.00</u>

Excess Service Allowance Applied to Distribution Line Extension Refundable

Amount per Lot or Unit:

<u>\$0.00</u>	-	<u>\$0.00</u>	=	<u>\$0.00</u> ^{**}
Allowance		Ave. Cost / Unit		

Allowances

Residential:

<u>\$728.00</u>	X	<u>0</u>	<u>\$0.00</u>
Water Heaters:		Lots / Units	
<u>\$890.00</u>	X	<u>0</u>	<u>\$0.00</u>
Space Heaters:		Lots / Units	
<u>\$79.00</u>	X	<u>0</u>	<u>\$0.00</u>
Oven / Range:		Lots / Units	
<u>\$30.00</u>	X	<u>0</u>	<u>\$0.00</u>
Dryer Stub:		Lots / Units	

SUB TOTAL Residential Allowance \$0.00

plus ITCC 24% Residential Allowances (+) \$0.00

TOTAL Residential Allowances (=) \$0.00

Non-Residential: \$551.00 / 0.1632 = \$3,376.23
Net Annual Revenue Cost-of-Service-Factor

plus ITCC 24% Non-Residential Allowances (+) \$810.30

SUB TOTAL Non-Residential Allowances (=) \$4,186.53

less Residential Service Allowance:

(0 X \$0.00) + 24% = \$0.00
Lots/Units Ave. Cost / Unit ITCC

Total Gas Distribution Main Extension Allowance (=) \$4,186.53

Amount Subject to Refund

Engineering & Administrative Costs \$1,746.29

Value of Applicant Design Work (+) \$0.00

Tie-In of Distribution by PG&E (+) \$3,812.75

Gas Metering (Non-Residential Projects) (+) \$14,419.49

Other (+) \$0.00

PG&E installed - Cost of Distribution Main and Non-Res Svcs. (+) \$3,144.81

Applicant installed - Cost of Distribution Main and Non-Res Svcs. (+) \$0.00 ⁽⁵⁾

PG&E installed - Cost of Distribution Main Trench. (+) \$0.00

Applicant installed - Cost of Distribution Main Trench. (+) \$0.00 ⁽⁵⁾

Inspection Fees (+) \$0.00 ⁽⁴⁾

SUB TOTAL (=) \$23,123.34

plus ITCC @ 24% (+) \$5,549.60

Total Refundable Amount (=) \$28,672.94

Less Total Allowances (not to exceed Total Refundable Amount) \$4,186.53

Balance: Net Refundable Amount (=) \$24,486.41

10 Year Refundable Advance Option

Balance: Net Refundable Amount \$24,486.41

Less Credit for Value of Applicant Design Work (-) \$0.00

Less Cost of Dist. Main Ext. and Non-Res Svcs. installed by Applicant (-) \$0.00 ⁽⁵⁾

Less Distribution Main Trench by Applicant (-) \$0.00 ⁽⁵⁾

Net 10 Year Refundable Advance Option Amount (=) \$24,486.41 ⁽²⁾

Non-Refundable Discount Option

Balance: Net Refundable Amount \$24,486.41

\$24,486.41 / 0.50 = (-) \$12,243.21
Balance Discount Rate

Less Credit for Value of Applicant Design Work (-) \$0.00

Less Cost of Dist. Main Ext. and Non-Res Svcs. installed by Applicant (-) \$0.00 ⁽⁵⁾

Less Cost of Distribution Main Trench by Applicant (-) \$0.00 ⁽⁵⁾

Net Non-Refundable Discount Option Amount (=) \$12,243.20 ⁽²⁾

Non-Refundable Payments**Rule 16 Non-Refundable Payments**

Excess Service Costs		<u>\$0.00</u>
Service Costs Beyond Preferred Service Location	(+)	<u>\$0.00</u>
Value of Rule 16 Land Rights Costs	(+)	<u>\$0.00</u>
Value of Gas Service Trench in the Franchise Area or on 3rd Party Property	(+)	<u>\$9,680.54</u>
Inspection Fees	(+)	<u>\$0.00</u>
Rule 16 Trench Permits Obtained by PG&E	(+)	<u>\$0.00</u>
Other Non-Refundable Charges	(+)	<u>\$0.00</u>
Cost of Additional Rule 16 Applicant Design Plan Checks	(+)	<u>\$0.00</u>
SUB TOTAL	(=)	<u>\$9,680.54</u>
Plus ITCC @ 24%	(+)	<u>\$2,323.33</u>
Other Non-Taxable Charges	(+)	<u>\$0.00</u>
Residential Per Meter Charge = 0 unit(s)	(+)	<u>\$0.00</u>
Non-Residential Per Meter Charge 1 unit(s)	(+)	<u>\$125.00</u>
Inspection Fees (not subject to ITCC)	(+)	<u>\$0.00</u>
Plus Gas Service Trench installed by PG&E on Private Property	(+)	<u>\$13,422.99</u>
Less Excess Service Facilities Installed by Applicant	(-)	<u>\$0.00</u>
Less Service Costs Beyond Preferred Location by Applicant	(-)	<u>\$0.00</u>
Less Gas Service Trench in the Franchise Area or on & 3rd Party Property installed by Applicant	(-)	<u>\$0.00</u>
Less Rule 16 Applicant Design Work Associated with Excess	(-)	<u>\$0.00</u>
Total Rule 16 Non-Refundable Amount	(=)	<u>\$25,551.86</u>

Rule 15 Non-Refundable Payments

Inspection Fees		<u>\$0.00</u>
Re-engineering / Composite Fees	(+)	<u>\$0.00</u>
Cost of Additional Applicant Design Plan Checks	(+)	<u>\$0.00</u>
Value of Distribution Main Substructures	(+)	<u>\$0.00</u>
PG&E Land Rights Costs	(+)	<u>\$0.00</u>
Rule 15 Trench Permits Obtained by PG&E	(+)	<u>\$0.00</u>
Other Non-Refundable Charges	(+)	<u>\$0.00</u>
SUB TOTAL	(=)	<u>\$0.00</u>
Plus ITCC @ 24%	(+)	<u>\$0.00</u>
Less Distribution Main Substructures Installed by Applicant	(-)	<u>\$0.00</u>
Total Non-Refundable Gas Rule 15 Amount	(=)	<u>\$0.00</u>

Relocation / Rearrangement of PG&E Facilities

Value of Relocation/Rearrangement Facilities		<u>\$0.00</u>
Value of Relocation/Rearrangement Conduits & Substructures	(+)	<u>\$0.00</u>
Value of Relocation/Rearrangement Trench & Excavation	(+)	<u>\$0.00</u>
Engineering & Administrative Costs	(+)	<u>\$0.00</u>

Value of Relocation Applicant Design Work	(+)	<u>\$0.00</u>
Cost of Additional Applicant Design Plan Checks	(+)	<u>\$0.00</u>
Tie-In of Relocation/Rearrangement by PG&E	(+)	<u>\$0.00</u>
Relocation/Rearrangement Trench Permits Obtained by PG&E	(+)	<u>\$0.00</u>
Relocation/Rearrangement Land Rights	(+)	<u>\$0.00</u>
Relocation/Rearrangement Inspection Fees	(+)	<u>\$0.00</u>
SUB TOTAL	(=)	<u>\$0.00</u>
Plus ITCC @ 24%	(+)	<u>\$0.00</u>
Plus Relocation/Rearrangement - Non Taxable	(+)	<u>\$0.00</u>
Less Relocation/Rearrangement Facilities Installed by Applicant	(-)	<u>\$0.00</u>
Less Substructures Installed by Applicant	(-)	<u>\$0.00</u>
Less Trench & Excavation Provided by Applicant	(-)	<u>\$0.00</u>
Less Value of Relocation Applicant Design Work	(-)	<u>\$0.00</u>
Less Relocation/Rearrangement Salvage	(-)	<u>\$0.00</u>
Total Payment for Gas Distribution Line and Service Extension	(=)	<u>\$0.00</u>

(1) Total Service Allowance not to exceed the Cost of Service

(2) 10 Year Refundable and Discount Option credit amounts will be paid upon acceptance of facilities. Credit amounts are subject to future deficiency billing in accordance with the tariff.

(3) 10 Year Refundable and Discount Option credit amounts do not offset Other Non-Refundable or Relocation Fees. See Reimbursement Summary for a total of Reimbursements and Credits to be paid upon acceptance of facilities.

(4) Inspection Fees (Only Refundable if Applicant's Actual Cost is Used. Applicant's Actual Cost + Inspection Cannot Exceed PG&E's Estimate)

(5) The lower of PG&E's estimated costs or the Applicant's Contract Anticipated Costs (as documented on Form 79-1003 "Statement of Contract Anticipated Costs") will be used to establish the cost of Service and Distribution Line Extension subject to Allowance

Note: This supplemental detailed cost sheet is for reference only and is not intended for use in place of the actual contract for the project listed.



COUNCIL COMMUNICATION

CC #: 9996

File #: 0709-03-01

Title:	Northwest Roseville Specific Plan Parcel 11 (Liberty Village) - Affordable Purchase Housing Agreement
Contact:	Trisha Isom 916-746-1239 tisom@roseville.ca.us Danielle Foster 916-774-5446 dfoster@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.21.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a Resolution approving the attached Affordable Purchase Housing Agreement (APHA) for the Northwest Roseville Specific Plan Parcel 11 (aka Liberty Village) and authorizing the City Manager to execute the APHA and any related documents.

BACKGROUND

The City of Roseville's General Plan Housing Element requires a 10% affordable housing obligation for residential development and recommends that developers provide a distribution of the required affordable housing as follows: 40% very low; 40% low and 20% middle income. Since the 1980's, the City's Housing Division has implemented the General Plan's recommended distribution for compliance with the 10% affordable housing obligation. The proposed Affordable Purchase Housing Agreement (APHA) will assist the Northwest Roseville Specific Plan (NWRSP) and the City in meeting its affordable housing policy goals and Regional Housing Needs Allocation (RHNA).

On February 26, 2009, the City Council approved the NWRSP Parcel 11 Liberty Village tentative subdivision map. A condition of approval of the map requires the developer, Taylor Morrison Homes, to enter into an APHA with the City to implement the affordable housing obligations. Based on the 10% affordable housing policy, it is determined that the developer has an affordable housing obligation to provide 5 affordable purchase units. The developer will build 2 of the subdivision's 53 homes as affordable to low income families and 3 of the subdivision's 53 homes as affordable to middle income families. The proposed APHA establishes the methods and terms of which the affordable housing is sold to income-qualified affordable buyers, see Attachment 1. The subsidies for the program are funded by the developer and do not impact the General Fund. The subsidies to buyers are captured as a silent second loan on title that gets repaid to the City's affordable housing program upon resale. The repayment is then used to assist a new income-qualified buyer to purchase and/or can assist in other affordable housing

development.

FISCAL IMPACT

The subsidies for implementing the NRSP Parcel 11 Liberty Village Affordable Purchase Housing Agreement are funded by the developer and do not impact the General Fund. The subsidies to buyers are captured as a silent second loan on title that gets repaid to the City's affordable housing program upon resale. The repayment is then used in the affordable housing program to assist a new income-qualified buyer to purchase and/or can assist in other affordable housing development.

ECONOMIC DEVELOPMENT / JOBS CREATED

Development of NWRSP Parcel 11 Liberty Village Subdivision will generate jobs with construction of the subdivision and these homes. The project will economically benefit the City by increased property taxes and development impact fees.

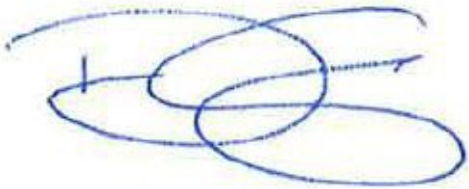
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The Affordable Purchase Housing Agreement itself does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Trisha Isom, Housing Analyst

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-189

Liberty Village APHA

RESOLUTION NO. 19-189

APPROVING AN AFFORDABLE PURCHASE HOUSING AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND TAYLOR MORRISON OF CALIFORNIA, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Affordable Purchase Housing Agreement regarding Taylor Morrison – Liberty Village (NWRSP Parcel 11), by and between the City of Roseville and Taylor Morrison of California, LLC, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

RECORDING REQUESTED BY AND WHEN
RECORDED, PLEASE RETURN TO:

City Clerk
CITY OF ROSEVILLE
311 Vernon Street
Roseville, CA 95678

AFFORDABLE PURCHASE HOUSING AGREEMENT

Project Name: Taylor Morrison – Liberty Village (NWRSP Parcel 11)

This Affordable Purchase Housing Agreement ("the APHA" or "Agreement") is made and entered into this _____ day of _____, 2019, between the City of Roseville, a municipal corporation ("CITY"), and Taylor Morrison of California, LLC, a California limited liability company ("DEVELOPER"), and

W I T N E S S E T H:

WHEREAS, on June 13, 2013, CITY approved the updated Housing Element of the General Plan which applies a ten percent (10%) affordability requirement to all new specific plan areas or properties for which zoning is amended to change residential density; and

WHEREAS, the DEVELOPER is receiving the benefit of land entitlements either through the Specific Plan and Development Agreement process or by amendment of the zoning of the property to change residential density; and

WHEREAS, on February 26, 2009 CITY approved the NWRSP Parcel 11 (Taylor Morrison – Breton Village) tentative subdivision map (Subdivision Map no. PL07-072 "the Subdivision"); and

WHEREAS, the conditions of approval of the Subdivision require that 5 of the 53 lots in the Subdivision be improved with single-family dwellings and made available for sale at prices affordable to low and middle income families (the "Affordable Units"); and

WHEREAS, the conditions of approval of the Subdivision require DEVELOPER to enter into an affordable housing agreement to the satisfaction of City Attorney of CITY, implementing the affordable housing obligations of DEVELOPER; and

WHEREAS, DEVELOPER and CITY enter into this APHA in order to implement DEVELOPER's affordable housing obligations; and

WHEREAS, the Affordable Units will be governed by the "Special Development and Use Standards" ("the Standards"), which are attached to this APHA, marked as Exhibit "B," and are incorporated herein by this reference; and

NOW, THEREFORE, the parties agree as follows:

1. Subject Property. The real property which is the subject of this APHA (the "Subject Property") is described in Exhibit "A," which is attached to this APHA and incorporated herein by reference. The Subject Property consists of all real property within the Subdivision.

2. Ownership. DEVELOPER represents that it has a legal interest in the Subject Property and that all other persons holding legal or equitable interests, if any, in the Subject Property have signed an "acknowledgment and consent certificate," in a form approved by the City Attorney of CITY, acknowledging and consenting to the terms of this Agreement. All persons holding any legal or equitable interest in the Subject Property shall be bound by this Agreement.

3. Covenants Run with the Land. This APHA shall run with the land. The burdens of this APHA bind, and the benefits of the APHA inure to, the successors in interest of the parties. This APHA shall be recorded in the Office of the Placer County Recorder.

DEVELOPER's obligations under this APHA shall terminate with respect to each of the Affordable Units upon sale of each such Affordable Unit as a completed home, if such sale is in conformance with the requirements of this APHA. Responsibility for compliance with this APHA to each Affordable Unit shall thereafter be the burden of the then owner of such Affordable Unit.

DEVELOPER shall remain responsible for compliance with this APHA as to all other Affordable Units.

Those units which have not been designated as Affordable Units ("the Market Rate Units") shall be released from this APHA upon compliance by DEVELOPER with the terms and conditions of the Standards governing release. CITY's City Manager, or designee, ("the City Manager"), will execute and acknowledge a satisfaction and release of this APHA for each such Market Rate Unit within the Subject Property.

4. Standards. The parties agree that the Standards shall apply to the Subject Property. To the extent not specified in the Standards, or in this APHA, development of the Subject Property shall be governed by this Agreement and the provisions of the Roseville Municipal Code as they now exist or may hereafter be modified.

5. Due Diligence. DEVELOPER agrees to proceed in good faith and in a reasonable and diligent manner to implement the provisions of this APHA.

6. Changes to Regulations of No Effect. Except as provided in paragraph 4, CITY agrees that, unless this APHA is amended or canceled pursuant to the provisions of paragraphs 8, 9 or 15 below, this APHA shall be enforceable by the CITY and DEVELOPER or their respective successors in interest despite any change in any applicable general plan, specific plan, zoning ordinance, subdivision ordinance, or building regulations adopted by CITY, which change alters or amends the Standards.

7. Monitoring\Breach\Cure. DEVELOPER's compliance with the provisions of this APHA shall be reviewed at least annually, and at such other times as CITY may require, upon thirty (30) days prior written notice. During any such review, DEVELOPER shall bear the burden of proof to demonstrate good faith compliance with the terms of this APHA. If, as a result of such review, CITY finds and determines that DEVELOPER has not complied in good faith with the terms and conditions of this Agreement, CITY shall give written notice to DEVELOPER of its findings and of the exact nature of DEVELOPER's non-compliance. DEVELOPER shall be given a period of sixty (60) days after receipt of any such notice in which to cure, to the reasonable satisfaction of CITY, any inconsistencies or conditions of default. In the event CITY fails to give DEVELOPER notice of a failure to comply at or before the annual review, DEVELOPER shall not be held responsible for any failure to comply with the terms and conditions of this Agreement during that year.

8. CITY Remedies for Breach. If DEVELOPER is unwilling or unable to cure any such conditions of default within sixty (60) days after its receipt of notice pursuant to paragraph 7, CITY may, in addition to any other remedy provided by law or equity, modify or terminate this APHA, withhold further building permits, seek liquidated damages in accordance with this APHA, or take any action available to it under this Agreement.

In particular, and without limitation by reason of enumeration, DEVELOPER acknowledges and agrees that any default by DEVELOPER under this APHA shall, at the option of the CITY, constitute a default under this Agreement as to all other property within the Subdivision that is then subject to the APHA.

In addition, and without limitation by reason of enumeration, DEVELOPER acknowledges and agrees that CITY shall have the right to withhold issuance of all building permits within the Subdivision until such breach is cured.

9. Amendments. Except as otherwise provided herein, this APHA may be amended only by mutual written consent of the parties or their successors in interest. Such amendment shall be recorded in the Office of the Placer County Recorder.

10. Force Majeure. Performance by either party hereunder shall not be deemed to be in default where delays or defaults are due to war, insurrection, strikes, walkouts, riots, floods, earthquakes, fires, casualties, acts of God, governmental entities, or enactment of conflicting state or federal laws or regulations.

11. No Waiver. CITY does not waive any claim or defect in performance by DEVELOPER if upon review it does not propose to modify or terminate the APHA or otherwise seek enforcement of its provisions.

12. Notices. All notices required by this APHA shall be in writing and delivered in person or sent by U.S. mail, first class postage prepaid, to the following addresses:

CITY
Housing Programs Manager
City of Roseville
316 Vernon Street #150
Roseville, CA 95678

DEVELOPER
Taylor Morrison
81 Blue Ravine Rd. Suite 220
Folsom, CA 95630

Either party may change its address by giving notice in writing to the other party.

13. Indemnification. DEVELOPER shall defend, indemnify and hold harmless CITY, its officers, agents, employees and volunteers, from liability or claims for damage of any nature, including but not limited to personal injury to any person, bodily injury to any person, including death, or property damage, which may arise from or be connected with the direct or indirect operations, inaction, or actions of DEVELOPER or its contractors, subcontractors, agents or employees arising out of or connected with this APHA, except those matters arising from the sole active negligence of CITY. This provision is intended to be broadly construed and extends to, among other things, any challenge to the validity of this APHA, except that it shall not extend to claims regarding the validity or invalidity of any adopted City policy.

14. Attorney Fees. If legal action is brought by either party against the other for breach of this Agreement or to compel performance of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees and costs. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie.

15. Term. The term of this APHA shall begin immediately upon its execution by the parties and shall end fifteen (15) years after the close of escrow on the last Affordable Unit sold to a Qualified Purchaser and/or after the release by CITY of such affordable obligation pursuant to Section 3.c of the Standards. Notwithstanding the foregoing, this APHA may be terminated or modified pursuant to the provisions of paragraphs 8 and 9 above.

16. Notice upon Transfer. DEVELOPER shall notify the CITY in writing thirty (30) days prior to any transfer of all or substantially all of its interest in the Subject Property. Said notice shall include the legal name of the new party(ies) and their current mailing address.

17. Liquidated Damages. The parties agree that, were DEVELOPER to fail to comply with the terms of this APHA subject to all applicable notice and cure periods and Force Majeure delay, the damage to CITY would be large but immeasurable. The parties estimate such damages at, and therefore agree to set the amount of liquidated damages for breach of this APHA by DEVELOPER at, the sum of one thousand dollars (\$1,000) per day during a default by

DEVELOPER under this Agreement following the expiration of the cure period described in paragraph 7 hereof (which cure period shall be extended for periods of Force Majeure delay)

18. Developer Payment. In order to partially offset the cost of the annual review to be performed, DEVELOPER agrees to pay to CITY the sum of six hundred dollars (\$600) when each affordable unit is sold. The payment shall be paid upon close of escrow.

19. Integration. This is an integrated agreement, and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

20. Consent of Lien Holders. The acknowledgment and consent of those (besides Developer) holding a legal interest in all or any part of the Subject Property is attached hereto as Exhibit "F."

21. Severability. The parties agree that the provisions of this Agreement are severable. If any provision is deemed invalid by a court of competent jurisdiction, the balance of this Agreement shall be considered to remain intact and be enforceable on its terms consistent with the findings and purposes set forth herein.

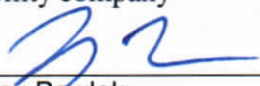
[Signatures on the following page]

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of the Agreement in duplicate by its Acting City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the City of Roseville on the ____ day of _____, 2019, and DEVELOPER has caused this Agreement to be executed.

CITY OF ROSEVILLE,
a municipal corporation:

TAYLOR MORRISON OF CALIFORNIA, LLC, a
California limited liability company

BY: _____
DOMINICK CASEY
City Manager

BY: 
Jay Pawlek
its: Vice President

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

and 
BY: _____
Aren Bazzocco
its: Vice President

(notarization required)

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: 
LAURA MATTEOLI
Economic Development Director

This Agreement contains 6 exhibits, as listed below:

- A. Description of the Subject Property
- B. Special Development and Use Standards
- C. Part 1: Certification of Qualified Purchaser Eligibility
Part 2: Income Verification
Part 3: Checklist for Affordable Purchase Program
- D. Deed of Trust and Assignment of Rents
- D-1. Promissory Note
- E. Acknowledgment and Consent

CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF California)SS
COUNTY OF Sacramento)

On April 5, 2019, before me, Candace Rene James, Notary Public, personally appeared Aren Bazzocco, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Candace Rene James



My Commission Expires: December 15, 2022

This area for official notarial seal

Notary Name: Candace Rene James
Notary Registration Number: 2271071

Notary Phone: 916-355-8900
County of Principal Place of Business: Sacramento

CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF California)SS
COUNTY OF Sacramento)

On April 5, 2019, before me, Candace Rene James, Notary Public, personally appeared Jay Pawlek, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Candace Rene James



My Commission Expires: December 15, 2022

This area for official notarial seal

Notary Name: Candace Rene James
Notary Registration Number: 2271071

Notary Phone: 916-355-8900
County of Principal Place of Business: Sacramento

Exhibit A

LEGAL DESCRIPTION

Real property in the City of Roseville , County of Placer, State of California, described as follows:

PARCEL ONE:

PARCEL B, AS SHOWN ON THE PARCEL MAP OF BRETON VILLAGE COMMERCIAL CENTER, FILED IN THE OFFICE OF THE RECORDER, PLACER COUNTY IN [BOOK 32 OF PARCEL MAPS, AT PAGE 151](#).

PARCEL TWO:

AN EASEMENT FOR DRAINAGE AS PROVIDED IN THAT CERTAIN DECLARATION OF EASEMENTS AND RECIPROCAL EASEMENT AGREEMENT, RECORDED MARCH 6, 2006, SERIES NO. [2006-0023927](#), OFFICIAL RECORDS.

FIRST AMENDMENT TO DECLARATION OF EASEMENTS AND RECIPROCAL EASEMENT AGREEMENT RECORDED 8/22, 2018, SERIES NO. [20180060943-00](#), OFFICIAL RECORDS.

APN: 477-080-007

EXHIBIT "B"

SPECIAL DEVELOPMENT AND USE STANDARDS

CITY and DEVELOPER agree that the following special development and use standards shall apply to the Subject Property.

1. The Reservation of Affordable Units. DEVELOPER agrees to reserve five (5) single-family dwelling units (the "Affordable Units") for inclusion within the CITY's Affordable Purchase Housing Program. The Affordable Units reserved for Low Income Households shall be located on lot numbers: 10 & 53 of the Subdivision. The Affordable Units reserved for Middle Income Households shall be located on lot numbers: 25, 28, & 34 of the Subdivision. DEVELOPER agrees to offer the Affordable Units for sale at an Affordable Purchase Price.

2. Definitions.

The following terms shall be defined for purposes of this APHA as set forth in this section and Exhibit "B-1":

a. "Affordable Purchase Price" - The sales price to be paid by a Qualified Purchaser for an Affordable Unit as determined in accordance with the provisions of Section 3.b below.

b. "Affordable Unit" - A single-family dwelling unit of at least three bedrooms and one bath, affordable at the time of sale to a Low Income Household or Middle Income Household.

c. "CITY MANAGER" – The City Manager for the City of Roseville and his or her designee.

d. "Immediate Family Member" - Parent, Stepparent, Child, Stepchild, or Spouse.

e. "Initial Subsidy" - The difference between the Affordable Purchase Price and the Market Value at the time of the original purchase under this Agreement.

f. "Market Value" - The fair market value of a unit determined by an independent appraiser approved by the CITY MANAGER.

g. (i) "Middle Income Household" - A family household, approved by the CITY MANAGER, consisting of one (1) or more persons earning more than 100% of the median household income for a family of four, as defined in accordance with the most recent information issued by the United States Department of Housing and Urban Development (HUD) for the Sacramento—Arden- Arcade—Roseville Metropolitan Statistical Area ("Sacramento MSA"). CITY will use the income limit for a household of four (4) for a one-two (1-2) person household and income limit for a household of six (6) for a three (3) or more person household.

(ii) "Low Income Household" – A family household, approved by the CITY MANAGER, consisting of one (1) or more persons earning no more

than 80% of the median household income for a family of four, as defined in accordance with the most recent information issued by the United States Department of Housing and Urban Development (HUD) for the Sacramento—Arden- Arcade—Roseville Metropolitan Statistical Area (“Sacramento MSA”) CITY will use the income limit for a household of four (4) for a one-two (1-2) person household and income limit for a household of six (6) for a three (3) or more person household.

Provided, however, applications of persons or families who submit down payments exceeding twenty percent (20%), possess cash assets in excess of one hundred thousand dollars (\$100,000), receive a gift in excess of ten thousand dollars (\$10,000) toward a down payment, and/or qualify with a co-mortgagor will be reviewed on a case by case basis, and the City may refuse to qualify such applicants if, in the opinion of the CITY MANAGER, the applicant(s) have sufficient cash assets or other financial support that enables them to purchase new units within the City without relying on this program.

h. “Non-Qualified Purchaser” - Any person or entity other than a Qualified Purchaser.

i. “Qualified Purchaser” – A Low Income Household or Middle Income Household that meets the eligibility criteria required to qualify to purchase an Affordable Unit. Qualified Purchasers are subject to the approval of the CITY MANAGER.

j. “Resale Price” - The sales price for an Affordable Unit paid to an Affordable Purchaser upon resale of the Affordable Unit by an Affordable Purchaser.

3. DEVELOPER's Affordable Housing Obligations. The following provisions apply to the sale of Affordable Units:

a. The Offer of Affordable Units. DEVELOPER shall offer 5 Affordable Units. The Affordable Units shall be similar in size, quality, fixtures, amenities and architecture to Market Rate Units within the subdivision in which they are located. The Affordable Units may (but are not required to) have two-car garages and are not required to include fireplaces.

b. Establishing the Affordable Purchase Price. The Affordable Purchase Price for each Affordable Unit will be established at the time such Affordable Unit is offered for sale to prospective Qualified Purchasers. The Low Income Household Affordable Purchase Price shall not exceed, for a three-bedroom unit (2 units), the price at which a four person household earning no more than 75% of the median income can qualify (such income level to be determined in accordance with the definition of “Low Income Household” above), living in the Sacramento MSA, under the financing program offered by DEVELOPER’s preferred lender or similar lending institutions. DEVELOPER acknowledges that this amount will vary with time and will be established by the CITY MANAGER in accordance with paragraph 5.

The Middle Income Affordable Purchase Price shall not exceed, for a three-bedroom unit (3 units), the price at which a four person household

earning no more than 95% of the median income can qualify (such income level to be determined in accordance with the definition of "Middle Income Household" above), living in the Sacramento MSA, under the financing program offered by DEVELOPER's preferred lender or similar lending institutions. DEVELOPER acknowledges that this amount will vary with time and will be established by the CITY MANAGER in accordance with paragraph 5.

The CITY MANAGER shall review the DEVELOPER's calculation of the proposed Affordable Purchase Price and shall require an appropriate adjustment in the Affordable Purchase Price if the financing program offered by DEVELOPER's preferred lender or similar lending institutions will not, in the CITY MANAGER's discretion, qualify a Low Income Household or Middle Income Household for purchase of the Affordable Unit. The financing program offered by DEVELOPER's preferred lender or similar lending institutions shall not require a down payment of greater than three percent (3%) of the Affordable Purchase Price and must offer a fixed rate loan of thirty (30) years or more.

c. Phasing of Development and Release of Market Rate Units.

DEVELOPER expects to develop the Subdivision in phases. The first phase of development will include approximately eighteen (18) lots (including three (3) model units), at least one (1) of which will be improved with an Affordable Unit; the second phase of development will include approximately nine (9) lots, none of which will be improved with an Affordable Unit; the third phase of development will include approximately nine (9) lots, at least two (2) of which will be improved with Affordable Units; the fourth phase of development will include approximately nine (9) lots, at least one (1) of which will be improved with an Affordable Unit; and the fifth phase of development will include approximately eight (8) lots, at least one (1) of which will be improved with an Affordable Unit. Subsequent to the issuance of building permits for Affordable Units for the first phase of development, CITY and DEVELOPER shall record, at DEVELOPER's expense, a notice of termination with respect to each of the Market Rate Units in the first and second phases of development, releasing each such Market Rate Unit from the force and effect of this APHA.

Prior to the issuance of building permits for each new phase of development, DEVELOPER shall provide the CITY MANAGER with written notification specifying:

- (i) the total number of building permits issued for the prior phase(s);
- (ii) the number and location of the Affordable Units from the prior phase(s) that have been sold to Qualified Purchasers;
- (iii) the total number of units to be included in the new phase of development; and
- (iv) the number and location of the Affordable Units to be included in the new phase of development.

The CITY MANAGER shall review such written notification and shall determine if DEVELOPER is making reasonable progress toward fulfillment of its affordable housing obligations as set forth herein. For each new phase

release, CITY and DEVELOPER shall record, subsequent to the issuance of building permits for the new phase of development, a notice of termination with respect to each of the Market Rate Units in the new phase of development, releasing each such lot from the force and effect of this APHA. Such Notices of Termination shall be recorded at DEVELOPER's expense.

d. Marketing Affordable Units. Once an Affordable Purchase Price has been established, DEVELOPER agrees to use its best efforts to sell the Affordable Unit in accordance with this APHA. Such best efforts shall include, without limitation, (i) special advertising approved by the CITY MANAGER including, but not limited to, advertisements in local newspapers, direct mailers, and e-mails, prior to the release of the Affordable Unit for sale indicating the availability of the Affordable Unit to Low Income Households and Middle Income Households, (ii) maintenance of a waiting list of Low Income Households and Middle Income Households seeking housing opportunities in the area, (iii) notification of such Low Income Households and Middle Income Households (and any other such applicant households identified by the CITY MANAGER) prior to the release of the Affordable Unit, and the pre-release, by at least one week, of the Affordable Unit to such notified households.

e. Approval of Prospective Qualified Purchasers. DEVELOPER agrees that prior to sale of an Affordable Unit, each prospective Qualified Purchaser shall be required to complete a form substantially similar to the form attached hereto as Exhibit "C." No Affordable Unit shall be sold by DEVELOPER prior to or during the Initial Release Period to a prospective purchaser whose household income level, as disclosed on the form or other documents submitted by the prospective purchaser, exceeds the target household income level (either low or middle) for a family of four in the Sacramento MSA, as annually adjusted. DEVELOPER shall maintain copies of all such forms until the termination of this APHA. The originals of such form shall be delivered to the CITY MANAGER who shall determine whether or not such prospective purchasers qualify as Qualified Purchasers.

f. Sale to a Qualified Purchaser. Each Qualified Purchaser shall be required to purchase the Affordable Unit with cash, a mortgage secured by a first deed of trust on the Affordable Unit, loan(s) from other affordable purchase programs, or a combination of the these sources. If a mortgage is secured, DEVELOPER must ensure that the Qualified Purchaser receives a fixed rate loan of thirty (30) years or more. The Qualified Purchaser must make at least a one percent (1%) down payment towards the Affordable Purchase Price, excluding closing costs.

g. Notice of Sale to a Qualified Purchaser. Any contract of sale for an Affordable Unit between DEVELOPER and a prospective Qualified Purchaser shall be contingent upon approval of the Qualified Purchaser by the CITY MANAGER. Upon execution of such a contract of sale for an Affordable Unit between DEVELOPER and a Qualified Purchaser and upon approval of the Qualified Purchaser by a lender, DEVELOPER shall, within three (3) working days, notify the CITY MANAGER of the pending escrow. DEVELOPER shall, at

the time of notification, also provide information verifying the buyers' qualifications as a Qualified Purchaser, including a copy of a completed form substantially similar to the form attached as Exhibit "C."

h. Approval of Qualified Purchaser. The CITY MANAGER shall within ten (10) working days of receipt from DEVELOPER of a complete buyer qualification package, either approve the prospective purchaser as a Qualified Purchaser or provide DEVELOPER with a written explanation specifying the reasons the prospective purchaser does not qualify.

i. Appraisal Required. The Market Value of the Affordable Unit to be sold to a Qualified Purchaser shall be determined by an independent appraiser at least fifteen (15) days but not more than six (6) months prior to the contract for sale of an Affordable Unit to a Qualified Purchaser. The appraiser shall be approved by the CITY MANAGER. At the request of DEVELOPER, in lieu of an appraisal and at CITY's sole discretion, CITY may use recent comparable market rate sales within the Subdivision where the Affordable Unit is located to establish Market Value.

j. Note Required. In each sale to a Qualified Purchaser, CITY shall take back a note from the Qualified Purchaser, secured by a first or second deed of trust utilizing documents substantially similar to the documents attached as Exhibit "E," "E-1" and "E-2" in an amount equal to the Initial Subsidy together with the calculated interest as determined in accordance with Section 3.1.i (which deed of trust and related documentation shall be subordinated to the lien of the preferred lender or similar lending institution providing financing for Qualified Purchaser's acquisition of the applicable Affordable Unit). The provisions of the note and deed of trust shall include the substantial equivalent of the following:

- 1) No interest; no principal payments; due in thirty (30) years from date of execution.
- 2) During the first fifteen (15) years after sale of an Affordable Unit to a Qualified Purchaser, the full principal amount of the note shall be: due on sale to any Non-Qualified Purchaser; due on change of use from single-family residential to any other use or if the Affordable Unit is rented; due on any change in title, whether voluntary or involuntary, which adds any person to the title other than a spouse or any other Immediate Family Member provided such Immediate Family Member resided in the Affordable Unit at the time the Qualified Purchaser purchased the Affordable Unit; and due on any refinance of the Affordable Unit either not approved by the CITY MANAGER, or in an amount exceeding the Qualified Purchaser's equity at that time.
- 3) Reissued to a subsequent Qualified Purchaser approved by the CITY MANAGER if the sale is within fifteen (15) years.
- 4) Due on sale after fifteen (15) years from the date of original purchase under this Agreement.
- 5) The note shall include a provision requiring that notice be given to the CITY MANAGER upon the occasion of satisfaction of the

note and/or reconveyance of the Affordable Unit pursuant to the terms of the deed of trust.

k. Type of Note. The Qualified Purchaser will execute a Promissory Note with the following provisions:

(i) Promissory Note (Exhibit E-1). Where the Note becomes due for any of the reasons set forth in Section 3.1.2 above, simple interest shall be computed based upon the unpaid balance of the principal amounts and at the annual rate of two percent (2%) for the first 15 years. Beginning at the first day of the sixteenth (16th) year all accrued interest shall be forgiven and the Note shall be retired upon payment of the principal balance only.

If the Affordable Unit is sold to a Qualified Purchaser within fifteen (15) years of the original sale, CITY may reinvest any available affordable funds. CITY's note shall be adjusted, upon reissuance of a new note to the new Qualified Purchaser pursuant to Section 3.j.3 above, to reflect the addition of the CITY's investment. If the Affordable Unit is sold to a Non-Qualified Purchaser within fifteen (15) years of the original sale or to any purchaser thereafter, the interest shall be distributed in accordance with the allocations set forth in this section.

l. Notice to City on Resale. During the first fifteen (15) years after the initial sale by DEVELOPER to a Qualified Purchaser, the Qualified Purchaser shall notify the CITY MANAGER in writing sixty (60) days prior to offering the Affordable Unit for resale to a market buyer in order to market the home to a subsequent Qualified Purchaser. The Qualified Purchaser shall disclose to the CITY MANAGER the proposed Resale Price. Such Resale Price must be consistent with Market Value at the time of sale as determined in an appraisal made at the Qualified Purchaser's expense by an independent appraiser, approved by the CITY MANAGER. Such notice shall be addressed to:

Housing Programs Manager
City of Roseville
316 Vernon Street #150
Roseville, CA 95678

m. Mandatory Resale to City - Provided Qualified Purchaser. The Qualified Purchaser shall list the Affordable Unit with the City of Roseville, on the Sacramento MetroList, and other home sale websites, in an effort to sell the Affordable Unit to a subsequent Qualified Purchaser. CITY shall have sixty (60) days from the date of receipt of notice pursuant to Section 3.1. to identify, qualify and provide a subsequent Qualified Purchaser. The Affordable Unit may be sold to a market rate buyer if a subsequent Qualified Purchaser is not identified within 60 days of listing for sale with the City of Roseville.

n. Hazard Insurance. A Qualified Purchaser shall at all times maintain hazard/fire insurance equal to replacement cost of the Affordable Unit.

o. Initial Subsidy of Five Thousand Dollars (\$5,000) or Less. If the difference between the Affordable Purchase Price and the Market Value at the

time of original sale under this Agreement is five thousand dollars (\$5,000) or less, the requirements of Section 3.i, 3.j, 3.k, 3.l, 3.m, and 3.n above shall not apply. Concurrently with the sale of an Affordable Unit to a Qualified Purchaser at an Affordable Purchase Price that is within five thousand dollars (\$5,000) of the original Market Value, CITY and DEVELOPER shall record, at DEVELOPER's cost, a notice of termination, releasing the property under the contract of sale from the terms of this Agreement.

p. Foreclosures. In the event of a foreclosure or deed in lieu of foreclosure of any first deed of trust secured by an Affordable Unit, all provisions of this Agreement, and in any collateral agreement, restricting the use of the Affordable Unit to Low Income Households or Middle Income Households or otherwise restricting the Qualified Purchaser's ability to sell the Affordable Unit shall have no further force or effect. Any person, including their successors or assigns (other than the Qualified Purchaser or a party related to the Qualified Purchaser), receiving title to the Affordable Unit through a foreclosure or deed in lieu of foreclosure of such first deed of trust, shall receive title to the Affordable Unit free and clear from all such restrictions.

4. City Inspection of Records of Sale. DEVELOPER agrees, upon reasonable notice, to make available to CITY for audit, inspection and copying its records of sale for the purpose of assuring compliance with this APHA, including without limitation, those forms maintained pursuant to Section 3.d.

5. Annual Adjustment of Median Income. Median income shall be adjusted annually by the CITY MANAGER to coincide with the changes in the low/middle household income for a four (4) person household for the Sacramento MSA as published in the Federal Register or the most recent available circular distributed by the U.S. Department of Housing and Urban Development. The CITY MANAGER shall notify DEVELOPER in writing of each annual adjustment. If DEVELOPER does not agree with the annual adjustment, DEVELOPER may, within fifteen (15) calendar days of notification by the CITY MANAGER, present to the CITY MANAGER additional information which it wishes the CITY MANAGER to consider. The CITY MANAGER will review this information and, within fifteen (15) calendar days, decide on and notify DEVELOPER of an annual income limit adjustment. The decision of the CITY MANAGER shall be final.

6. Changing the Location of an Affordable Unit. DEVELOPER has reserved the units identified in Section 1 as the locations for the Affordable Units. DEVELOPER may change the location of an Affordable Unit to another location within the Subdivision upon the written approval of the CITY MANAGER, provided, however, that Affordable Units shall not be clustered in one location. If an Affordable Unit is relocated to another location, DEVELOPER shall record a notice, in a form approved by the CITY MANAGER, both on the unit being released from this APHA and on the unit being newly encumbered by this APHA.

7. Right to Cure. In the event that title to an Affordable Unit is conveyed to a Non-Qualified Purchaser in breach of this Agreement, DEVELOPER or DEVELOPER's successor or assignee may cure the default by designating an additional, different unit within the Subject Property as an Affordable Unit. Such designation shall be subject to the written approval of the CITY MANAGER. DEVELOPER or DEVELOPER's successor or assignee shall record a notice, in a form approved by CITY MANAGER, on the unit being newly designated and encumbered as an Affordable Unit under this Agreement. CITY and DEVELOPER shall, at DEVELOPER's cost, record a notice of termination, releasing the unit that was conveyed to a Non-Qualified Purchaser in breach of this Agreement, from the terms of this Agreement.

8. Handbook Required. Prior to sale of any Affordable Unit, DEVELOPER shall give to the Qualified Purchaser a copy of this Agreement and an Affordable Unit Handbook, prepared by the CITY, explaining in general the terms and conditions of this Agreement. DEVELOPER shall also require the Qualified Purchaser to sign a statement acknowledging receipt of this Agreement and the Handbook. The form of such Handbook shall be approved by the CITY MANAGER.

9. Local Residents, Employees and Veterans. Consistent with all federal, state and local laws, DEVELOPER agrees to use its best efforts to sell the affordable units to persons who are employed in the City of Roseville, reside in the City of Roseville or who are honorably discharged veterans and agrees, in cooperation with CITY, to notify major employers in Roseville, in a timely fashion, of the type and availability of housing being constructed by DEVELOPER. If CITY determines at any time that the requirements of this paragraph conflict with applicable law, the CITY MANAGER shall notify DEVELOPER and this paragraph shall thereafter be deemed to be of no further force or effect.

10. Homebuyer Training. DEVELOPER shall ensure the approved affordable purchasers have attended 8 hours of homebuyer training. The training shall be performed by an accredited (either by the U.S. Department of Housing & Urban Development or other recognized entity) home buying counseling agency. A typical training would include 3 hours of home buying process, 2 hours of budgeting and credit workshop, and 3 hours of home maintenance/good neighbor training. The cost of such training shall not be borne by the affordable purchaser.

EXHIBIT "C" -- Part 1

CERTIFICATION OF QUALIFIED PURCHASER ELIGIBILITY

I/We have read and answered truthfully, fully, frankly and personally each of the following questions for all persons who are to purchase the unit being applied for in the above residential project. Listed below are the names of all persons who intend to reside in the unit:

1. Name of Members of the <u>Household</u>	2. Relationship to head of <u>Household</u>	3. <u>Age</u>	4. Social Security <u>Number</u>	5. Place of <u>Employment</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

INCOME COMPUTATION

6. The total anticipated income calculated in accordance with this paragraph 6, of all persons (except children under the age of 18 years) listed above for the 12-month period beginning the date that I/we plan to move into a unit is \$_____.

Included in the total anticipated income listed above are:

- a. All wages and salaries, overtime pay, commissions, fees, bonuses, tips and other compensation for personal services, before payroll deductions.
- b. Net income from operation of a business or profession.
- c. Periodic amounts received from social security, retirement funds, and the like.
- d. Income received in place of earnings (such as unemployment benefits).
- e. Welfare assistance payments.
- f. Periodic allowances like spousal or child support.
- g. Military pay.

Excluded from such anticipated income are:

- a. Casual, sporadic or irregular gifts.
- b. Amounts which are specifically for or in reimbursement of medical expenses for any family member.

- c. Lump sum additions to family assets, such as inheritances, insurance payments (including payments under health and accident insurance and worker's compensation), capital gains and settlement for personal or property losses.
- d. Amounts of student financial assistance paid directly to the student or the educational institution, and amounts paid by the government to a veteran for use in meeting the costs of tuition, fees, books, and equipment. Any amounts of such scholarships or payments to veterans not used for the above purposes are to be included in income.
- e. Hazardous duty pay to a family member in the armed forces who is away from home and exposed to hostile fire.
- f. Foster child or adult care payments.
- g. The value of coupon allotments or Electronic Benefit Transfer ("EBT") cards for the purchase of food pursuant to the Food Stamp Act of 1977.

7. This certificate is made with the knowledge that it will be relied upon by the DEVELOPER to determine maximum income for eligibility to occupy the unit; and I/we declare that all information set forth herein is true, correct and complete and based upon information I/we deem reliable and that the statement of total anticipated income contained in paragraph 6 is reasonable and based upon such investigation as the undersigned deemed necessary.

8. I/We will assist the DEVELOPER in obtaining any information or documents required to verify the statements made herein, including either an income verification from my/our present employer(s) or copies of federal tax returns for the immediately preceding calendar year.

9. I/We acknowledge that I/we have been advised that the making of any misrepresentation or misstatement in this declaration will constitute a material breach of my/our agreement with the DEVELOPER to purchase the unit and will entitle the DEVELOPER to cancel my/our contract for sale.

10. **I/We understand that the property we are buying is subject to an Affordable Purchase Housing Agreement between DEVELOPER and the City of Roseville, and that the Agreement contains provisions which may affect my/our title to the property, right to sell the property, and share of appreciation in the property.** As owners, I/we will be subject to the Agreement, and I/we agree to comply with it. I/We acknowledge receipt of a copy of the Agreement and of a handbook generally explaining its terms, if applicable (if a 2nd mortgage is provided by CITY to ensure affordability).

I/We declare under penalty of perjury that the foregoing is true and correct.

Executed this _____ day of _____, 20____ in the City of _____, California.

Applicant

Applicant

[All persons listed in number 2 above except children under the age of 18 years must sign this form]

FOR COMPLETION BY DEVELOPER OR AGENT:

1. Calculation of eligible income:
 - a. Enter amount for entire household in 6 above: \$ _____
 - b. (1) Deduct this amount which is excluded from such anticipated income according to paragraph 6. \$ _____
Reason for exclusion is _____
 - c. Total Eligible Income (line 1a less 1b) \$ _____
2. The amount entered in 1c:
 - a. _____ Qualifies the applicant to the guidelines up to 100% of the (middle) or up to 80% (low) median Sacramento Metro Area household income. (circle one)
 - b. Was verified by use of:
_____ Employer income verification.
_____ Copies of tax returns.
_____ Other.
3. Lot Number of Affordable Unit to be conveyed: _____
Affordable Purchase Price: \$ _____
Market Value: \$ _____
2nd Note held by CITY: \$ _____
4. I witnessed the above applicant's signature, and have given him/her/them a copy of the Affordable Purchase Housing Agreement and a handbook explaining its terms, **if applicable** (if a 2nd mortgage is provided by CITY to ensure affordability).

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this ____ day of _____, 20__ in the City of _____, California.

Date: _____

Agent for DEVELOPER

EXHIBIT "C" -- Part 2

INCOME VERIFICATION
(for employed persons)

_____ (name of employee)

_____ (address)

I, the undersigned employee, have applied to purchase an Affordable Unit located in a residential subdivision that provides special use standards for persons or families earning up to 100% of the median Sacramento household income. My income statement as a prospective Qualified Purchaser must be verified. Please indicate below my current annual income from wages, overtime, bonuses, commissions or any other form of compensation received on a regular basis. Thank you.

Name of Employer/Company _____
Annual Wages _____
Overtime _____
Bonuses _____
Commissions _____

I declare under penalty of perjury under the laws of the State of California that the above statements are true and complete to the best of my knowledge.

Signature of Employer Date Title

I hereby grant you permission to disclose my income to _____
in order that they may determine my income eligibility for the purchase of an Affordable Unit located in their subdivision.

Signature of Employee Date

Please send to:

_____ (name of DEVELOPER)
_____ (address)



EXHIBIT "C" -- Part 3

Checklist for Affordable Purchase Program

Circle the income category for which the purchaser qualifies.

Family Size	Low Income up to 80% of Median Income
1-2	\$64,100
3+	\$74,400

Family Size	Middle Income up to 100% of Median Income
1-2	\$80,100
3+	\$93,000

Step 1: Written 3rd party verification of all income and assets including:

- | | |
|--|--|
| ☐ Employment verification (Lender VOE) | ☐ Government Grants |
| ☐ Self Employment - | ☐ TANF (Welfare Benefits) |
| ☐ <i>Tax Returns & Profit and Loss Statements</i> | ☐ Gift funds |
| ☐ Social Security and/or SSI benefits | ☐ 2 months worth of Savings Account statements |
| ☐ Unemployment | ☐ 2 months worth of Checking Account statements |
| ☐ Alimony | ☐ Trust Funds |
| ☐ Child Support | ☐ Stocks & Bonds (Cash Value) |
| ☐ VA or Military Benefits | ☐ Life Insurance (Cash Value) |
| ☐ Retirement Funds | ☐ Pensions and/or Annuities |

Eligibility: ☐ Approved ☐ Denied Date determination sent to lender: _____

Step 2: All of the following must be submitted prior to final approval of an Affordable Purchase Loan

- ☐ Applicant Certification of Eligibility (City form)
- ☐ Copy of Drivers Licenses & Social Security Cards
- ☐ Loan Estimate
- ☐ Underwriting and Transmittal Summary
- ☐ Loan Application
- ☐ Preliminary Title Report
- ☐ Credit Report
- ☐ Purchase Agreement
- ☐ Appraisal
- ☐ Closing Disclosure
- ☐ Verification of 8 hours Homebuyer Education Classes

Final Loan Approval: ☐ Approved ☐ Denied Date determination sent to lender: _____

Purchaser's exceeding a 20% down payment, cash assets in excess of \$100,000, receiving a gift, qualifying with a co-mortgagor and/or exceeding the income limit will be qualified on a case by case basis.

A complete package must be submitted at least ten (10) business days prior to close of escrow.

Date projected for close of escrow _____

Lender Name: _____ Company: _____ Phone: _____

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO

City of Roseville – City Clerk
311 Vernon Street
Roseville, CA 95678

(EXEMPT FROM RECORDING FEES GOV'T CODE § 27383)

SPACE ABOVE THIS LINE FOR RECORDER'S USE

DEED OF TRUST AND ASSIGNMENT OF RENTS

THIS DEED OF TRUST Made this..... day of, 20...., between

Herein called TRUSTOR whose address is..... **Roseville, CA** and

.....herein called Trustee, andthe City of Roseville, herein called BENEFICIARY.

Witnesseth: That Trustor irrevocably GRANTS, TRANSFERS AND ASSIGNS TO TRUSTEE IN TRUST, WITH POWER OF SALE, that real property in the ... City of Roseville ... County of. PLACER....., State of California, described as:

Property Description-See Exhibit A

TOGETHER WITH the rents, issues and profits thereof, SUBJECT, HOWEVER, to the right, power and authority given to and conferred upon Beneficiary by Paragraph (10) of the provisions incorporated herein by reference to collect and apply such rents, issues and profits, for the purpose of securing payment of the indebtedness evidenced by a promissory note, of even date herewith, executed by Trustor in the sum of \$..... any additional sums and interest thereon hereafter loaned by Beneficiary to the then record owner of said property which loans are evidenced by a promissory note or notes, containing a recitation that this Deed of Trust secures the payment thereof, any lawful charge made by Beneficiary for a statement regarding the obligations secured hereby requested by or for Trustor, and the performance of each agreement herein contained. By the execution and delivery of this Deed of Trust and the note secured hereby, the provisions (1) to (15) inclusive, printed on pages 2 and 3 hereof, hereby are adopted and incorporated herein and made a part hereof as fully as though set forth herein at length; that he will observe and perform said provisions; and that the references to property, obligations, and parties in said provisions shall be construed to refer to the property, obligations, and parties set forth in this Deed of Trust.

Trustor requests that a copy of any Notice of Default and a copy of any Notice of Sale hereunder be mailed to him at his address given herein.

Signature

Signature

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, (here insert name and title of the officer),
personally appeared _____

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

Signature _____ (Seal)

TO PROTECT THE SECURITY OF THIS DEED OF TRUST, TRUSTOR AGREES:

- (1) To keep said property in good condition and repair; not to remove or demolish any building thereon; to complete or restore promptly and in good and workmanlike manner any building which may be constructed, damaged or destroyed thereon and to pay when due all claims for labor performed and materials furnished therefor; to comply with all laws affecting said property or requiring any alterations or improvements to be made thereon; not to commit or permit waste thereof; not to commit, suffer or permit any act upon said property in violation of law; to cultivate, irrigate, fertilize, fumigate, prune and do all other acts which from the character or use of said property may be reasonably necessary, the specific enumerations herein not excluding the general.
 - (2) To provide, maintain and deliver to Beneficiary fire insurance satisfactory to and with loss payable to Beneficiary. The amount collected under any fire or other insurance policy may be applied by Beneficiary upon indebtedness secured hereby and in such order as Beneficiary may determine, or at option of Beneficiary the entire amount so collected or any part thereof may be released to Trustor. Such application or release shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.
 - (3) To appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; and to pay all costs and expenses, including cost of evidence of title and attorney's fees in a reasonable sum, in any such action or proceeding in which Beneficiary or Trustee may appear, and in any suit brought by Beneficiary to foreclose this Deed.
 - (4) To pay: at least ten (10) days before delinquency all taxes and assessments affecting said property, including assessments on appurtenant water stock; when due, all encumbrances, charges and liens, any interest, on said property or any part thereof, which appear to be prior or superior hereto; all costs, fees and expenses of this Trust.
- Should Trustor fail to make any payment or to do any act as herein provided, then Beneficiary or Trustee, but without obligation so to do and without notice to or demand upon Trustor and without releasing Trustor from any obligation hereof, may: make or do the same in such manner and to such extent as either may deem necessary to protect the security hereof, Beneficiary or Trustee being authorized to enter upon said property for such purposes; appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; pay, purchase, contest or compromise any encumbrance, charge or lien which in the judgment of either appears to be prior or superior hereto; and, in exercising any such powers, pay necessary expenses, employ counsel and pay his reasonable fees.
- (5) To pay immediately and without demand all sums so expended by Beneficiary or Trustee, with interest from date of expenditure at the amount allowed by law in effect at the date hereof, and to pay for any statement provided for by law in effect at the date hereof regarding the obligation secured hereby any amount demanded by the Beneficiary not to exceed the maximum allowed by law at the time when said statement is demanded.
 - (6) That any award of damages in connection with any condemnation for public use of or injury to said property or any part thereof is hereby assigned and shall be paid to Beneficiary who may apply or release such moneys received by him in the same manner and with the same effect as above provided for disposition of proceeds of fire or other insurance.
 - (7) That by accepting payment of any sum secured hereby after its due date, Beneficiary does not waive his right either to require prompt payment when due of all other sums so secured or to declare default for failure so to pay.
 - (8) That at any time or from time to time, without liability therefor and without notice, upon written request of Beneficiary and presentation of this Deed and said note for endorsement, and without affecting the personal liability of any person for payment of the indebtedness secured hereby, Trustee may: reconvey any part of said property; consent to the making of any map or plat thereof; join in granting any easement thereon; or join in any extension agreement or any agreement subordinating the lien or charge hereof.
 - (9) That upon written request of Beneficiary stating that all sums secured hereby have been paid, and upon surrender of this Deed and said note to Trustee for cancellation and retention and upon payment of its fees, Trustee shall reconvey, without warranty, the property then held hereunder. The recitals in such reconveyance of any matters or facts shall be conclusive proof of the truthfulness thereof. The grantee in such reconveyance may be described as "the person or persons legally entitled thereto." Five (5) years after issuance of such full reconveyance, Trustee may destroy said note and this Deed (unless directed in such request to retain them).
 - (10) That as additional security, Trustor hereby gives to and confers upon Beneficiary the right, power and authority, during the continuance of these Trusts, to collect the rents, issues and profits of said property, reserving unto Trustor the right, prior to any default by Trustor in payment of any indebtedness secured hereby or in performance of any agreement hereunder, to collect and retain such rents, issues and profits as they become due and payable. Upon any such default, Beneficiary may at any time without notice, either in person, by agent, or by a receiver to be appointed by a court, and without regard to the adequacy of any security for the indebtedness hereby secured, enter upon and take possession of said property or any part thereof, in his own name sue or otherwise collect such rents, issues and profits, including those past due and unpaid, and apply the same, less costs and expenses of operation and collection, including reasonable attorney's fees, upon any indebtedness secured hereby, and in such order as Beneficiary may determine. The entering upon and taking possession of said property, the collection of such rents, issues and profits and the application thereof as aforesaid, shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.
 - (11) That upon default by Trustor in payment of any indebtedness secured hereby or in performance of any agreement hereunder, Beneficiary may declare all sums secured hereby immediately due and payable by delivery to Trustee of written declaration of default and demand for sale and of written notice of default and of election to cause to be sold said property, which notice Trustee shall cause to be filed for record. Beneficiary also shall deposit with Trustee this Deed, said note and all documents evidencing expenditures secured hereby.

After the lapse of such time as may then be required by law following the recordation of said notice of default, and notice of sale having been given as then required by law, Trustee, without demand on Trustor, shall sell said property at the time and place fixed by it in said notice of sale, either as a whole or in separate parcels and in such order as it may determine at public auction to the highest bidder for cash in lawful money of the United States, payable at time of sale. Trustee may postpone sale of all or any portion of said property by public announcement at such time and place of sale, and from time to time thereafter may postpone such sale by public announcement at the time fixed by the preceding postponement. Trustee shall deliver to such purchaser its deed conveying the property so sold, but without any covenant or warranty, express or implied. The recitals in such

deed of any matters or facts shall be conclusive proof of the truthfulness thereof. Any person, including Trustor, Trustee, or Beneficiary as hereinafter defined, may purchase at such sale.

After deducting all costs, fees and expenses of Trustee and of this Trust, including cost of evidence of title in connection with sale, Trustee shall apply the proceeds of sale to payment of: all sums expended under the terms hereof, not then repaid, with accrued interest at the amount allowed by law in effect at the date hereof; all other sums then secured hereby; and the remainder, if any, to the person or persons legally entitled thereto.

(12) Beneficiary, or any successor in ownership of any indebtedness secured hereby, may from time to time, by instrument in writing, substitute a successor or successors to any Trustee named herein or acting hereunder, which instrument, executed by the Beneficiary and duly acknowledged and recorded in the office of the recorder of the county or counties where said property is situated, shall be conclusive proof of proper substitution of such successor Trustee or Trustees, who shall, without conveyance from the Trustee predecessor, succeed to all its title, estate, rights, powers and duties. Said instrument must contain the name of the original Trustor, Trustee and Beneficiary hereunder, the book and page where this Deed is recorded and the name and address of the new Trustee.

(13) That this Deed applies to inure to the benefit of, and binds all parties hereto, their heirs, legatees, devisees, administrators, executors, successors and assigns. The term Beneficiary shall mean the owner and holder, including pledges, of the note secured hereby, whether or not named as Beneficiary herein. In this Deed, whenever the context so requires, the masculine gender includes the feminine and/or neuter, and the singular number includes the plural.

(14) The Trustee accepts this Trust when this Deed, duly executed and acknowledged, is made a public record as provided by law. Trustee is not obligated to notify any party hereto of pending sale under any other Deed of Trust or of any action or proceeding in which Trustor, Beneficiary or Trustee shall be a party unless brought by Trustee.

(15) Trustee shall act as Trustee under Deeds of Trust given solely for the purpose of securing obligations for the repayment of money other than corporate bonds. (California Financial Code §1590.)

REQUEST FOR RECONVEYANCE

THE PROMISSORY NOTE OR NOTES, AND ANY EVIDENCES OF FURTHER AND/OR
ADDITIONAL ADVANCES MUST BE PRESENTED WITH THIS REQUEST.

.....California.....
(Date)

To THE TRUSTEE NAMED ON THE REVERSE HEREOF:

You are hereby authorized and requested to execute a reconveyance hereunder and deliver same to

.....
.....
The undersigned own all the obligations secured by said Deed of Trust:

Beneficiary

Beneficiary

Beneficiary

Beneficiary

EXHIBIT "D-1"

**CITY OF ROSEVILLE
DOWN PAYMENT ASSISTANCE PROGRAM
PROMISSORY NOTE SECURED BY DEED OF TRUST**

Borrower:

Property Address:

Lender: City of Roseville

Principal Amount:

Date: _____

The "Borrower(s)", _____ for value received, promise to pay the **City of Roseville** ("HOLDER"), at 316 Vernon Street #150, Roseville, CA 95678 or any other place designated in writing submitted by Holder to Borrower, the principal sum of _____ **Dollars (\$,000.00)** ("Principal Amount") plus interest on the unpaid principal balance according to the terms contained in this note.

Use of Funds: The loan is being made in order to assist Borrower in purchasing the property at the address above.

Term: This Note shall be for a term of thirty (30) years at which time all unpaid principal and interest remaining will be due and payable. Said maturity shall be on the same day of the year as the Date of this Note.

Interest: This Note shall bear interest on the unpaid principal balance from the Date (as stated above), and be computed as simple interest upon the unpaid balance of the principal amounts and at the annual rate of 2% for the first 15 years. Beginning at the first day of the sixteenth (16th) year all accrued interest shall be forgiven and the Note shall be retired upon the payment of the principal balance only.

Payments: No installment payments of principal or interest are required during the first thirty years after the making of this Note at which time the Note shall become all due and payable in lawful money of the United States.

Acceleration: The principal and accrued interest stated in this Note shall become all due and payable upon any total or partial sale, transfer, conveyance, assignment or lease of the whole or any part of the real property described in the Deed of Trust.

Obligations of Persons Under this Note: If more than one person signs this Note, each person is fully and personally obligated to keep all the promises made in this Note, including the promise to pay the full amount owed. The Note Holder may enforce its rights under this Note against each Borrower individually or against all Borrowers. This means that any Borrower may be required to pay the entire amount owed under this Note.

Giving of Notice: Unless applicable law requires a different method, any notice that must be given to Borrower under this Note will be given by first class mail to Borrower at the property address above or at a different address if Borrower gives the Note Holder a notice of a different address.

Subordination: Any subordination request shall be submitted to the City of Roseville Housing Division for approval or rejection, which approval or rejection shall be made in the interests of the City and according to Housing Program purposes. This Note shall be subordinate to the original senior loan, any refinancing or early pay-off or release of the note secured by the senior deed of trust shall cause this Note to move into senior position.

Attorney's Fees: Borrower(s) agree to pay the following costs, expenses and attorney's fees paid or incurred by the Note Holder. If the Holder brings any action or proceeding in connection with the enforcement or collection of this Note, the Prevailing Party (as hereafter defined) in any such proceeding, action or appeal thereon, shall be entitled to reasonable attorney's fees. Such fees may be awarded in the same suit or recovered in a separate suit, whether or not such action or proceeding is pursued to decision or judgment. The term "Prevailing Party" shall include, without limitation, the party who substantially obtains or defeats the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other party of its claim or defense. The attorney's fees award shall not be computed in accordance with any court fee schedule, but shall be such as to fully reimburse all attorneys' fees reasonably incurred.

In addition to the foregoing award of attorneys' fees, the Note Holder shall be entitled to its attorney fees incurred in any post judgment proceedings to enforce any judgment in connection with this Note. This provision is separate and several and shall survive the merger of this provision into any judgment.

Subsequent Sales: For a period of fifteen years (15) from the sale of the property, the Borrower must notify Holder prior to listing and selling the Affordable Unit. The Borrower's notice must be in writing and must include the proposed sales price, verified by an independent appraisal, subject to review and approval by Holder. The Borrower shall list the Affordable Unit for sale with Holder, on the Sacramento MetroList, and other comparable home sale websites for the first 60 days the home is on the market in order to identify a subsequent affordable buyer. The 60-day period begins once Holder has received the necessary information and has posted the Affordable Unit on the City of Roseville Affordable Resale website. During the 60-day period, Holder will assist in finding a qualified affordable purchaser for the home. If a qualified affordable purchaser is not found within 60 days, the Borrower may proceed with selling the unit to the general public. At time of sale, the outstanding balance of the second mortgage will be repaid to the City's Affordable Housing Program.

OWNER OCCUPIED RESIDENCE. Borrower understands that so long as an unpaid balance remains under this Note, Borrower must live in the property as Borrower's principal residence. If at any time during the term of this Note Borrower lives elsewhere, the Note Holder will have the right to require payment of all principal and accrued interest (see "Acceleration" above).

Signature

Signature

Date

Date

EXHIBIT "E"

ACKNOWLEDGMENT AND CONSENT

The undersigned, having an interest in the Property located at _____, Roseville, California, hereby acknowledges that he/she/it has read and understood the document entitled "Affordable Purchase Housing Agreement" for the _____ Project and that by execution of this Acknowledgment and Consent, consent is given to the terms and conditions of said Agreement.

Date

Print Name: _____
Title: _____
Company: _____

and

Date

Print Name: _____
Title: _____
Company: _____



COUNCIL COMMUNICATION

CC #: 9988

File #: 0206-08-01 & 0201-01

Title: Residential Tree Removal in North Central Landscape and Lighting District - Budget Adjustment
Contact: Eric Dexter 916-746-1769 edexter@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.22.

RECOMMENDATION TO COUNCIL

Staff requests City Council adopt an ordinance to approve a budget adjustment in the amount of \$25,000.00 for a residential tree removal project in the North Central Landscape and Lighting District budget.

BACKGROUND

The Parks Maintenance division is requesting \$25,000.00 for a residential tree removal project in the North Central Roseville Landscape and Lighting District (LLD). The trees that have been selected for removal are damaging sidewalks and irrigation systems and will not be replaced. Parks Maintenance staff has notified the adjacent property owners of these activities, and the reasons for their removal.

FISCAL IMPACT

There is sufficient fund balances in the North Central Roseville LLD to accommodate this request. There is no impact to the City's General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). This budget adjustment does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Eric Dexter, Parks Superintendent

Dion Louthan, Assistant City Manager

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, positioned above a horizontal line.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6084

Budget Adjustment_NCLLD

ORDINANCE NO. 6084

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2018-19, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for a residential tree removal project in the North Central Roseville Landscape and Lighting District, at the request of the Parks, Recreation & Libraries Department, as listed on the attached Request for Budget Adjustment in the amount of \$25,000.00.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT FINANCE DEPARTMENT

Instructions: Complete all necessary fields. Fields marked with an asterisk (*) are mandatory and required for processing. Obtain required approvals and process according to the procedure outlined in: A.R. 6.01 Budget Adjustment Policy & Procedure.

For more detailed budget adjustment training information, including examples, please click on the following link: [Miscellaneous Budget Training Information.](#)

REQUESTER*: Eric Dexter

DEPARTMENT/DIVISION*: Parks, Recreation & Libraries

FISCAL YEAR/EFFECTIVE DATE*: FY2018-19

PROPOSED COUNCIL DATE (if applicable): 04/17/2019

USE OF FUNDS*						
AMOUNT*	ACCOUNT NUMBER					Account Title/Activity Description*
	GL			JL		
	ORG KEY*	OBJECT*	FUND*	PROJECT	ACTIVITY	
25,000	00689	5341	200			North Central Roseville LLD extra work
\$ 25,000	TOTAL					

SOURCE OF FUNDS*						
AMOUNT*	ACCOUNT NUMBER					Account Title/Activity Description*
	GL			JL		
	ORG KEY	OBJECT	FUND*	PROJECT	ACTIVITY	
25,000			200			Available fund balance in NCR LLD
\$ 25,000	TOTAL					

FINANCE USE	Approved: 	
	BUDGET MANAGER/DESIGNEE	Finance Director:
	DATE: 3/25/19	DATE: 3/25/19

Justification for Budget Adjustment*:

The Parks, Recreation & Libraries department is requesting \$25,000 for a residential tree removal project in NCR LLD. The project will be funded with available fund balance in the NCR LLD. There is no impact to General Fund.

Approved: 	Approved:
REQUESTING DEPARTMENT HEAD / DESIGNEE	CITY MANAGER
DATE: 3-22-19	DATE:



COUNCIL COMMUNICATION

CC #: 0004

File #: 0600-01

Title: Staffing Allocation and Salary Schedule Changes
Contact: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.23.

RECOMMENDATION TO COUNCIL

As part of an ongoing assessment of the appropriate staffing structure to provide a high level of service to the community, staff is recommending the following changes to the City's staffing allocation schedule and salary schedule to meet business needs. It is recommended that City Council take the following actions:

1. Adopt an ordinance to approve the attached Management A & B salary schedules (Appendix C) reflecting the new Recreation and Library Supervisor salary range (9544, B968), Parks, Recreation and Libraries Superintendent salary range (9546, B970), Parks, Recreation, and Libraries Manager salary range (9547, B971), Preventative Maintenance Supervisor salary range (5519, B805) and deletion of the Recreation Supervisor, Library Supervisor, Recreation Superintendent, Parks Superintendent, Open Space Superintendent, Recreation Manager, City Librarian, Parks, Recreation & Libraries Business Administrator, Parks Manager classification effective May 11, 2019; and
2. Adopt an ordinance to approve the attached Local 39 salary schedules (Appendix P) reflecting the new ERP Business Analyst I salary range (9549, B973), and ERP Business Analyst II salary range (9550, B974), Natural Resource Specialist I salary range (9555, B979), Natural Resource Specialist II salary range (9545, B969), Parks, Recreation & Libraries Coordinator I salary range (9556, B978), Parks, Recreation & Libraries Coordinator II salary range (9543, B967) Passport/Livescan Agent salary range (9548, B972), and deletion of the Natural Resource Technician and Recreation Coordinator I/II classifications effective May 11, 2019; and
3. Adopt an ordinance to approve the attached Roseville Firefighters salary schedules (Appendix B) reflecting the new Fire & Environmental Safety Supervisor salary range (9551, B975) effective May 11, 2019; and
4. Adopt an ordinance to approve the attached Temporary Salary Schedule (Appendix I) reflecting the addition of 3 new Temporary classifications of Swim Instructor Aide and Swim Instructor I/II, effective May 11, 2019; and
5. Motion to approve the attached city-wide allocation schedule effective May 11, 2019.

BACKGROUND

As part of the Municipal Code, the Human Resources Department is charged with maintaining the City's classification plan. The Human Resources staff is continually evaluating staffing levels necessary to provide high service levels to the community. Staff reviews department workload and the allocation's impact on meeting the

city's goals. Additionally, the level at which each of these positions would have to be staffed was analyzed. As a result, staff is requesting eight (8) new full-time equivalent (FTE) allocations, deleting ten (10) FTE allocations and reclassifying thirty one (31) FTE allocations effective May 11, 2019.

City Clerk Department:

On November 28, 2018, the City Council approved a proposal to open a dedicated passport processing facility located at 316 Vernon Street. In preparation for the implementation of the new passport center, the City Clerk is requesting to reclassify a filled Deputy City Clerk II position to create a City Clerk Technician I position to serve as

requesting to reclassify a vacant Deputy City Clerk II position to create a City Clerk Technician I position to serve as a leadworker for the new program, as this will operate at a separate site from the City Clerk Department. The City Clerk Technician will oversee the processing of passport and livescan applications, provide training and technical assistance and overseeing scheduling for 6 half-time Passport/Livescan Agents. The Passport/Livescan Agents will also provide notary services. The program will be supervised by the Assistant City Clerk.

The new Passport/Livescan Agent salary range is recommended for Schedule A to be \$2,725 - \$3,835 monthly and for Schedule B to be \$2,725 - \$3,835.

The overall ongoing cost of the staffing for this new program is estimated to be \$300,868 to the General Fund, which is anticipated to be covered by revenues from fingerprint rolling, passport application processing and notary fees. The additional cost of the new allocations will be \$189,872 to the General Fund.

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
Deputy City Clerk II	City Clerk Technician I	\$76,663.31	\$94,875.73	\$18,212.42
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
	Passport/Livescan Agent (.5 FTE)		\$34,331.98	\$34,331.98
Total Cost				\$189,872.32

Development Services Department:

The Development Services Department has the need to reclassify a vacant Finance Technician position. Over the past few years, the full cost billing process was automated and the finance responsibilities has been reduced. In addition, the department gained six additional engineers from the Environmental Utilities Department, which require the support of a Development Technician II to assist with small permit review, routing and processing of permits, fee entry, data research, and providing information to customers regarding development projects.

The position has a cost recovery of 20% resulting in an overall cost of this reclassification of \$11,622.94 to the General fund.

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
Finance Technician II	Development Technician II	\$91,488.79	\$106,017.47	\$14,528.68
Total Cost				\$14,528.68

Environmental Utilities Department:

In the Environmental Utilities Department Maintenance unit, there are currently 27 employees reporting to one Preventative Maintenance Supervisor position. The department is requesting to create a second supervisory position in order to split the team between two supervisors to ensure more effective supervision of work, scheduling, training, evaluation, and coaching for efficient and effective operations. In addition, the Schedule A salary range needs to be adjusted to correct the compaction that exists. The base salary for the Preventative Maintenance Supervisor is currently set 1.2% above the base salary of the Senior Preventative Maintenance Technician class, which is being corrected to 15 percent above the subordinate class, to incentivize staff to consider the promotional opportunity.

The Preventative Maintenance Supervisor salary range is recommended to be corrected to address compaction

for Schedule A to be \$8,754 - \$11,730 monthly and for Schedule B to be \$7,933 - \$10,631 monthly.

The position allocation cost will not impact the General Fund budget.

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
	Preventative Maintenance Supervisor		\$206,877	\$206,877
Total Cost				\$206,877

Fire Department

The Fire Department is revising the current Fire Inspection Supervisor classification to align with the Fire and Environmental Safety Inspector I/II classification series, with a new title of Fire and Environmental Inspection Supervisor. This classification supervises positions responsible for conducting 600 Certified Unified Program Agency (CUPA) inspections annually and staff are required to meet rigorous certifications to be in compliance with requirements of the California Environmental Protection Agency. The Roseville Fire Department is one of 81 agencies in the State of California that provide local oversight of state and federal environmental programs covered under the CUPA program, which allows staff to work cooperatively with the business community to provide a safety assessment and gain compliance. This program generates revenue to support the cost of the inspection program.

The Fire & Environmental Safety Supervisor salary range is being set at 15 percent above the subordinate inspector series for Salary Schedule B. The inspector series has been designated as non-sworn, so the new classification will receive Miscellaneous PERS benefits which will result in an annual benefit savings to the General Fund of \$15,528 for an employee hired on Schedule A and a \$37,000 annual savings for an employee hired on Schedule B based on the lower pension rate.

The Schedule B salary range is recommended in the attached Roseville Firefighter Salary Schedule as \$6,668 – \$8,327 monthly. The new class will also be added to Schedule A as \$6,767 - \$9,521 monthly, the same as the current Fire Inspection Supervisor class salary. The Fire Inspection Supervisor class will be deleted when the current incumbent retires.

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
Fire Inspection Supervisor	Fire & Environmental Safety Supervisor	\$186,798	\$171,269	(\$15,528)
Total Cost				(\$15,528)

Finance and Information Technology Departments:

In preparation for the deployment of the new Enterprise Resource Planning (ERP) software, Oracle Cloud, in June 2019, the Finance and Information Technology (IT) Departments are requesting to establish a new classification with three (3.0) FTE ERP Business Analyst allocations added and one (1.0) FTE Database Analyst II to perform complex analytical, administrative, financial, and technical duties in support of the Finance, Payroll and Human Resources modules in the ERP. The positions will serve as liaison between functional users and technical groups and guide changes to create efficiencies within the City as a whole.

The new ERP Business Analyst salary range is recommended in the attached Local 39 Schedule A and B at Level II to be \$6,074 - \$8,546 monthly and Level I to be \$5,530 - \$7,781 monthly.

The overall cost of these new positions is \$595,370 as follows:

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
	ERP Business Analyst I/II		\$153,015.64	\$153,015.64

	ERP Business Analyst I/II		\$153,015.64	\$153,015.64
	ERP Business Analyst I/II		\$153,015.64	\$153,015.64
	Database Analyst II		\$136,323.32	\$136,323.32
Total Cost				\$595,370.24

Parks, Recreation and Libraries Department:

The Parks, Recreation & Libraries Department has worked this past year to develop a recommendation for reorganization with a focus on creating operational efficiencies, knowledge transfer and being more adaptable as an organization. This effort resulted in the reduction of three full-time employees in the general fund. There is an emphasis on global department vs. division oversight, succession planning and interchangeability with staff at all levels in the organization. Priorities include fiscal responsibility, aligning with community needs and supporting Council priorities. Holding many positions vacant during the past year now provides the opportunity to implement a revised staffing model generalizing several job specifications to have more universal oversight of functions like programming, facility oversight, CIP rehabilitation and maintenance operations.

The department is recommending a new Parks, Recreation & Libraries Manager classification to broaden the scope of work for current division managers. It is recommended that the City Librarian, Recreation Manager, and Parks, Recreation & Libraries Business Administrator classifications be combined into one classification of Parks, Recreation & Libraries Manager. Each manager will oversee one of three unique areas: facility operations, programs and business functions. Resources are being redistributed to meet the demands of continued growth in technology, community facilities districts/lighting and landscape districts administration and accessibility of timely data to drive departmental decisions. A vacant Parks Manager position is being defunded as part of the budget process and this work is being redistributed with more global oversight. Having a combined job title allows for interchangeability of managers within the department based on operational needs.

Specifically related to the reclassification of the Parks, Recreation & Libraries Business Administrator to the new Parks, Recreation & Libraries Manager classification there is expanded scope of responsibilities over the business and strategic functions in the department. With the growing trends in technology, we have added resources to provide more strategic management of the various technology needs including department software systems PerfectMind, Koha, Maximo, GIS, Calsence, Day Care Works, AMH/RFID and leading the initiative to replace the current recreation software system. In order to be good financial stewards with the complexity of the financial aspects of the department continuing to be a challenge we are redirecting resources to focus on the \$45 million budget with 142 separate accounts and 85 funding sources including 42 community facilities district/landscape and lighting district (CFD/LLD) budgets which continues to grow. This division will also be responsible for the oversight of golf operations (\$2.1M). This division will assume full oversight for the screening, coordination of hiring, onboarding, and payroll of the 700+ temporary employees in the department. With the deletion of the Parks Manager position, a portion of parks maintenance operations will be assumed by this position including global oversight of CFD/LLD administration. A focus area of this position this coming year will include departmental deployment of the new citywide ERP financial and human resource system which will require significant business operational policy changes and oversight.

Additionally, the Recreation & Library Divisions are merging into a blended unit, creating teams that share like functions to reduce redundancies in tasks and responsibilities. The plan is to combine the Recreation Supervisor and Library Supervisor classification to a Recreation and Library Supervisor classification to plan, organize and oversee recreation, library and community services programs, events and facilities instead of having each division do this independently. (Another example that aligns with this approach is to generalize the Recreation Coordinator to become a Parks, Recreation & Libraries Coordinator.) These changes will streamline programming, leverage resources and bring more consistency to facility operations.

Further, Park Planning, Park Maintenance and Open Space have combined efforts to allow for flexible staffing based on peak workloads. This model allows for the shifting of resources to the highest priority. An example of this is the ability to redirect the irrigation crew to work on a project task force during the rainy months. This model better integrates various division opportunities for efficiency, knowledge transfer and succession planning.

Lastly, the department is requesting to reclassify several positions to better meet operational needs. In addition, the department is requesting to create a new Natural Resource Specialist classification in order to bring on a biologist to evaluate natural resources in the community, develop mitigation plans, submit compliance reports to the State currently produced by outside consultants due to the biologist requirement and participate in natural resource mitigation or maintenance projects. The new Natural Resource Specialist I/II salary range is recommend in the

mitigation or maintenance projects. The new Natural Resource Specialist III salary range is recommended in the attached Local 39 Schedule A and B at Level II to be \$4,497 - \$6,328 monthly and Level I to be \$4,088 - \$5,753 monthly.

The reorganization results in an overall savings of \$250,973 to the General Fund.

From	New Position	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact
Parks Manager		\$189,361		(\$189,361)
Parks Maintenance Worker		\$85,516		(\$85,516)
Library Assistant		\$79,112		(\$79,112)
Community Relations Analyst	Parks, Recreation & Libraries Coordinator	\$125,107	\$97,981	(\$27,126)
Parks Maintenance Worker	Park Project Technician	\$85,515	\$108,414	\$22,899
Senior Natural Resources Worker	Park Project Technician	\$98,989	\$108,414	\$9,425
Library Assistant II	Office Assistant II	\$79,112	\$75,874	(\$3,238)
Natural Resources Technician	Natural Resources Specialist I/II	\$106,004	\$113,832	\$7,828
Recreation Coordinator I/II (6.0 FTE)	Parks, Recreation & Library Coordinator I/II (6.0 FTE)	\$587,888	\$587,888	\$0
Recreation Supervisor (6.0 FTE)	Recreation and Library Supervisor (6.0 FTE)	\$890,952	\$890,952	\$0
Library Supervisor (3.0 FTE)	Recreation and Library Supervisor (3.0 FTE)	\$410,615	\$445,476	\$34,861
Recreation Superintendent (3.0 FTE)	Parks, Recreation & Libraries Superintendent (3.0 FTE)	\$515,737	\$515,737	\$0
Parks Superintendent	Parks, Recreation & Libraries Superintendent	\$171,912	\$171,912	\$0
Open Space Superintendent	Parks, Recreation & Libraries Superintendent	\$171,912	\$171,912	\$0
Recreation Manager	Parks, Recreation & Libraries Manager	\$196,394	\$213,141	\$16,747
City Librarian	Parks, Recreation & Libraries Manager	\$213,141	\$213,141	\$0
Parks, Recreation and Libraries Business Administrator	Parks, Recreation & Libraries Manager	\$171,517	\$213,141	\$41,620
Total Savings				(\$250,973)

Additionally, the Parks, Recreation, & Libraries Department is requesting to add 3 new temporary classifications to support the aquatics program. Currently, the Aquatics Specialist I/II job class performs as a lifeguard and swim instructor. The department is requesting to establish a temporary Swim Instructor Aide job class paid \$15.00

instructor. The department is requesting to establish a temporary Swim Instructor I job class paid \$16.00 hourly, Swim Instructor I job class paid \$16.00 hourly and Swim Instructor II job class paid \$17.00 hourly. The new job classes and hourly rates are included in the attached Temporary Salary Schedule.

Allocation Schedule Reconciliation:

Throughout the year, Council has approved new allocations as promotional opportunities with the agreement that positions would be identified for elimination after the promotional recruitment process was complete. Periodically, staff will recommend to Council adjustments to the allocation schedule to reflect the eliminated allocations. Staff is requesting the following allocations be deleted from the allocation schedule:

Department	Unfunded Vacant Position
Development Services	Permit Analyst
Development Services	Permit Technician II
Parks, Recreation & Libraries	Child Care Site Coordinators (5.0 FTE)

FISCAL IMPACT

The recommended position changes will result in net cost savings to the General Fund in FY2018-19. The costs associated with the three ERP Business Analyst positions and the 6 new half-time positions for the Passport Center will not be realized in FY2018-19, as the new job classes will require recruitment in order to fill positions. The total fiscal impact to the General Fund in the proposed FY2019-20 budget is a cost of \$286,976.00. In subsequent fiscal years, the three ERP Business Analyst positions will be allocated to other City funds using the City's cost allocation plan, resulting in an estimated General Fund cost recovery of \$201,980.00 and a total net cost of \$84,996.00. There are adequate resources available in the FY2018-19 budget to fund the recommended position changes. All of the recommended position changes will be included in the proposed FY2019-20 budget.

ECONOMIC DEVELOPMENT / JOBS CREATED

This action results in two full-time equivalent new jobs.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). Staffing changes do not include the potential for a significant environmental effect, and therefore are not subject to CEQA.

Respectfully Submitted,

Stacey Peterson, Human Resources Director





Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6089

Mgt A

Mgmt B

Ordinance No. 6090

Local 39 A

Local 39 B

Ordinance No. 6091

RFF A

RFF B

Ordinance No. 6092

TEMP

Allocation Schedule

ORDINANCE NO. 6089

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6065, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES,
AS AMENDED BY APPENDIX "C" TO BE EFFECTIVE
MAY 11, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6065, the Salary Ordinance for Management Employees, is hereby amended as shown on Appendix "C" for salary schedules A and B attached hereto:

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
9544/B968	Recreation and Library Supervisor	4762
9546/B970	Parks, Recreation and Libraries Superintendent	5513
9547/B971	Parks, Recreation and Libraries Manager	6835
5519/B805	Preventative Maintenance Supervisor	6767

DELETION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
6147/B815	Recreation Supervisor	4762
4246/B783	Library Supervisor	4389
6145/B814	Recreation Superintendent	5513
5090/B791	Parks Superintendent	5513
4960/B787	Open Space Superintendent	5513
6125/B813	Recreation Manager	6299
1224/B726	City Librarian	6835
5010/B793	Parks, Recreation and Libraries Business Administrator	5501
9429/B855	Parks Manager	6073

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective May 11, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect May 11, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
0043	ACCOUNTING SUPERVISOR					
		STEP A	43.6093	3,488.74	7,558.94	90,707.34
		STEP B	45.7898	3,663.18	7,936.89	95,242.78
		STEP C	48.0793	3,846.34	8,333.74	100,004.94
		STEP D	50.4833	4,038.66	8,750.43	105,005.26
		STEP E	53.0074	4,240.59	9,187.94	110,255.39
		STEP F	55.6578	4,452.62	9,647.35	115,768.22
		STEP G	58.4407	4,675.25	10,129.72	121,556.65
9427	ACCOUNTS PAYABLE SUPERVISOR					
		STEP A	41.6093	3,328.74	7,212.27	86,547.34
		STEP B	43.6897	3,495.17	7,572.88	90,874.57
		STEP C	45.8742	3,669.93	7,951.52	95,418.33
		STEP D	48.1679	3,853.43	8,349.10	100,189.23
		STEP E	50.5763	4,046.10	8,766.55	105,198.70
		STEP F	53.1051	4,248.40	9,204.88	110,458.60
		STEP G	55.7604	4,460.83	9,665.13	115,981.63
0045	ADMIN ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	35.6224	2,849.79	6,174.54	74,094.59
		STEP C	37.4034	2,992.27	6,483.25	77,799.07
		STEP D	39.2738	3,141.90	6,807.45	81,689.50
		STEP E	41.2374	3,298.99	7,147.81	85,773.79
		STEP F	43.2993	3,463.94	7,505.21	90,062.54
		STEP G	45.4643	3,637.14	7,880.47	94,565.74
0050	ADMIN ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
0086	ALTERNATIVE TRANSP ANALYST I					
		STEP A	34.4335	2,754.68	5,968.47	71,621.68
		STEP B	36.1553	2,892.42	6,266.91	75,203.02
		STEP C	37.9631	3,037.04	6,580.27	78,963.24
		STEP D	39.8612	3,188.89	6,909.27	82,911.29
		STEP E	41.8542	3,348.33	7,254.72	87,056.73
		STEP F	43.9469	3,515.75	7,617.46	91,409.55
		STEP G	46.1444	3,691.55	7,998.36	95,980.35

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
0088	ALTERNATIVE TRANSP ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
0090	ALTERNATIVE TRANSP MGR					
		STEP A	53.0707	4,245.65	9,198.92	110,387.05
		STEP B	55.7242	4,457.93	9,658.86	115,906.33
		STEP C	58.5104	4,680.83	10,141.80	121,701.63
		STEP D	61.4360	4,914.88	10,648.90	127,786.88
		STEP E	64.5078	5,160.62	11,181.35	134,176.22
		STEP F	67.7332	5,418.65	11,740.42	140,885.05
		STEP G	71.1198	5,689.58	12,327.43	147,929.18
1505	AMI PROJECT MANAGER					
		STEP A	49.7966	3,983.72	8,631.41	103,576.92
		STEP B	52.2864	4,182.91	9,062.97	108,755.71
		STEP C	54.9007	4,392.05	9,516.12	114,193.45
		STEP D	57.6458	4,611.66	9,991.93	119,903.26
		STEP E	60.5280	4,842.24	10,491.52	125,898.24
		STEP F	63.5544	5,084.35	11,016.09	132,193.15
		STEP G	66.7322	5,338.57	11,566.91	138,802.97
0245	ASST CITY ATTORNEY					
		STEP A	78.1644	6,253.15	13,548.49	162,581.95
		STEP B	82.0726	6,565.80	14,225.91	170,711.00
		STEP C	86.1762	6,894.09	14,937.20	179,246.49
		STEP D	90.4850	7,238.80	15,684.06	188,208.80
		STEP E	95.0093	7,600.74	16,468.27	197,619.34
		STEP F	99.7598	7,980.78	17,291.69	207,500.38
		STEP G	104.7477	8,379.81	18,156.26	217,875.21
0250	ASST CITY CLERK					
		STEP A	36.4809	2,918.47	6,323.35	75,880.27
		STEP B	38.3049	3,064.39	6,639.51	79,674.19
		STEP C	40.2202	3,217.61	6,971.50	83,658.01
		STEP D	42.2312	3,378.49	7,320.07	87,840.89
		STEP E	44.3428	3,547.42	7,686.08	92,233.02
		STEP F	46.5599	3,724.79	8,070.38	96,844.59
		STEP G	48.8879	3,911.03	8,473.90	101,686.83

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
0325	ASST CITY MANAGER	STEP A	79.3412	6,347.29	13,752.47	165,029.69
		STEP B	83.3082	6,664.65	14,440.08	173,281.05
		STEP C	87.4736	6,997.88	15,162.09	181,945.08
		STEP D	91.8473	7,347.78	15,920.19	191,042.38
		STEP E	96.4397	7,715.17	16,716.21	200,594.57
		STEP F	101.2617	8,100.93	17,552.02	210,624.33
		STEP G	106.3247	8,505.97	18,429.61	221,155.37
0395	ASST ELEC UTIL DIRECTOR	STEP A	82.4558	6,596.46	14,292.33	171,508.06
		STEP B	86.5786	6,926.28	15,006.95	180,083.48
		STEP C	90.9076	7,272.60	15,757.31	189,087.80
		STEP D	95.4529	7,636.23	16,545.16	198,542.03
		STEP E	100.2256	8,018.04	17,372.43	208,469.24
		STEP F	105.2369	8,418.95	18,241.06	218,892.75
		STEP G	110.4987	8,839.89	19,153.10	229,837.29
0411	ASST EU DIRECTOR	STEP A	65.0932	5,207.45	11,282.82	135,393.85
		STEP B	68.3479	5,467.83	11,846.96	142,163.63
		STEP C	71.7653	5,741.22	12,439.31	149,271.82
		STEP D	75.3535	6,028.28	13,061.27	156,735.28
		STEP E	79.1212	6,329.69	13,714.34	164,572.09
		STEP F	83.0773	6,646.18	14,400.06	172,800.78
		STEP G	87.2311	6,978.48	15,120.05	181,440.68
0480	ASST FIRE CHIEF	STEP A	62.4844	4,998.75	10,830.62	129,967.55
		STEP B	65.6085	5,248.68	11,372.14	136,465.68
		STEP C	68.8891	5,511.12	11,940.77	143,289.32
		STEP D	72.3335	5,786.68	12,537.80	150,453.68
		STEP E	75.9501	6,076.00	13,164.68	157,976.20
		STEP F	79.7476	6,379.80	13,822.91	165,875.00
		STEP G	83.7351	6,698.80	14,514.08	174,169.00
0484	ASST HUMAN RESOURCES DIRECTOR	STEP A	51.2305	4,098.44	8,879.95	106,559.44
		STEP B	53.7917	4,303.33	9,323.89	111,886.73
		STEP C	56.4817	4,518.53	9,790.16	117,481.93
		STEP D	59.3058	4,744.46	10,279.67	123,356.06
		STEP E	62.2711	4,981.68	10,793.65	129,523.88
		STEP F	65.3847	5,230.77	11,333.34	136,000.17
		STEP G	68.6539	5,492.31	11,900.00	142,800.11

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
0510	ASST POLICE CHIEF	STEP A	69.3658	5,549.26	12,023.40	144,280.86
		STEP B	72.8341	5,826.72	12,624.57	151,494.92
		STEP C	76.4758	6,118.06	13,255.80	159,069.66
		STEP D	80.2996	6,423.96	13,918.59	167,023.16
		STEP E	84.3146	6,745.16	14,614.53	175,374.36
		STEP F	88.5303	7,082.42	15,345.25	184,143.02
		STEP G	92.9568	7,436.54	16,112.51	193,350.14
0920	BILLING SERVICES MANAGER	STEP A	48.7830	3,902.64	8,455.72	101,468.64
		STEP B	51.2222	4,097.77	8,878.51	106,542.17
		STEP C	53.7833	4,302.66	9,322.43	111,869.26
		STEP D	56.4724	4,517.79	9,788.54	117,462.59
		STEP E	59.2960	4,743.68	10,277.97	123,335.68
		STEP F	62.2608	4,980.86	10,791.87	129,502.46
		STEP G	65.3739	5,229.91	11,331.47	135,977.71
1017	BLDG INSPECTION SUPERVISOR	STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	43.1942	3,455.53	7,486.99	89,843.93
		STEP C	45.3539	3,628.31	7,861.34	94,336.11
		STEP D	47.6215	3,809.72	8,254.39	99,052.72
		STEP E	50.0027	4,000.21	8,667.13	104,005.61
		STEP F	52.5029	4,200.23	9,100.50	109,206.03
		STEP G	55.1279	4,410.23	9,555.50	114,666.03
1043	BLDG OFFICIAL	STEP A	52.7268	4,218.14	9,139.31	109,671.74
		STEP B	55.3631	4,429.04	9,596.27	115,155.24
		STEP C	58.1313	4,650.50	10,076.09	120,913.10
		STEP D	61.0379	4,883.03	10,579.90	126,958.83
		STEP E	64.0897	5,127.17	11,108.88	133,306.57
		STEP F	67.2942	5,383.53	11,664.32	139,971.93
		STEP G	70.6589	5,652.71	12,247.54	146,970.51
0910	BUDGET ANALYST I	STEP A	35.1221	2,809.76	6,087.83	73,053.96
		STEP B	36.8780	2,950.24	6,392.18	76,706.24
		STEP C	38.7221	3,097.76	6,711.83	80,541.96
		STEP D	40.6582	3,252.65	7,047.42	84,569.05
		STEP E	42.6912	3,415.29	7,399.80	88,797.69
		STEP F	44.8255	3,586.04	7,769.75	93,237.04
		STEP G	47.0669	3,765.35	8,158.26	97,899.15

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
0915	BUDGET ANALYST II					
		STEP A	38.0646	3,045.16	6,597.86	79,174.36
		STEP B	39.9677	3,197.41	6,927.73	83,132.81
		STEP C	41.9663	3,357.30	7,274.15	87,289.90
		STEP D	44.0645	3,525.16	7,637.84	91,654.16
		STEP E	46.2677	3,701.41	8,019.73	96,236.81
		STEP F	48.5812	3,886.49	8,420.74	101,048.89
		STEP G	51.0102	4,080.81	8,841.76	106,101.21
0930	BUDGET MANAGER					
		STEP A	48.7830	3,902.64	8,455.72	101,468.64
		STEP B	51.2222	4,097.77	8,878.51	106,542.17
		STEP C	53.7833	4,302.66	9,322.43	111,869.26
		STEP D	56.4724	4,517.79	9,788.54	117,462.59
		STEP E	59.2960	4,743.68	10,277.97	123,335.68
		STEP F	62.2608	4,980.86	10,791.87	129,502.46
		STEP G	65.3739	5,229.91	11,331.47	135,977.71
1245	CHIEF FINANCIAL OFFICER					
		STEP A	71.8515	5,748.12	12,454.26	149,451.12
		STEP B	75.4441	6,035.52	13,076.97	156,923.72
		STEP C	79.2163	6,337.30	13,730.82	164,769.90
		STEP D	83.1771	6,654.16	14,417.36	173,008.36
		STEP E	87.3360	6,986.88	15,138.24	181,658.88
		STEP F	91.7028	7,336.22	15,895.15	190,741.82
		STEP G	96.2879	7,703.03	16,689.90	200,278.83
1180	CHIEF INFORMATION OFFICER					
		STEP A	64.6975	5,175.80	11,214.23	134,570.80
		STEP B	67.9324	5,434.59	11,774.94	141,299.39
		STEP C	71.3290	5,706.32	12,363.69	148,364.32
		STEP D	74.8954	5,991.63	12,981.86	155,782.43
		STEP E	78.6402	6,291.21	13,630.96	163,571.61
		STEP F	82.5722	6,605.77	14,312.51	171,750.17
		STEP G	86.7008	6,936.06	15,028.13	180,337.66
1220	CITY CLERK					
		STEP A	56.6292	4,530.33	9,815.72	117,788.73
		STEP B	59.4607	4,756.85	10,306.52	123,678.25
		STEP C	62.4338	4,994.70	10,821.85	129,862.30
		STEP D	65.5555	5,244.44	11,362.95	136,355.44
		STEP E	68.8333	5,506.66	11,931.10	143,173.26
		STEP F	72.2751	5,782.00	12,527.68	150,332.20
		STEP G	75.8886	6,071.08	13,154.02	157,848.28

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
1368	CODE ENFORCEMENT SUPERVISOR					
		STEP A	38.5454	3,083.63	6,681.20	80,174.43
		STEP B	40.4726	3,237.80	7,015.25	84,183.00
		STEP C	42.4963	3,399.70	7,366.02	88,392.30
		STEP D	44.6211	3,569.68	7,734.32	92,811.88
		STEP E	46.8521	3,748.16	8,121.03	97,452.36
		STEP F	49.1947	3,935.57	8,527.08	102,324.97
		STEP G	51.6545	4,132.36	8,953.44	107,441.36
1370	CONTROLLER					
		STEP A	51.2221	4,097.76	8,878.49	106,541.96
		STEP B	53.7833	4,302.66	9,322.43	111,869.26
		STEP C	56.4724	4,517.79	9,788.54	117,462.59
		STEP D	59.2960	4,743.68	10,277.97	123,335.68
		STEP E	62.2608	4,980.86	10,791.87	129,502.46
		STEP F	65.3739	5,229.91	11,331.47	135,977.71
		STEP G	68.6426	5,491.40	11,898.05	142,776.60
1646	DEPT GOVERNMENT RELATIONS SUPV					
		STEP A	44.7823	3,582.58	7,762.26	93,147.18
		STEP B	47.0214	3,761.71	8,150.37	97,804.51
		STEP C	49.3724	3,949.79	8,557.88	102,694.59
		STEP D	51.8411	4,147.28	8,985.79	107,829.48
		STEP E	54.4331	4,354.64	9,435.07	113,220.84
		STEP F	57.1548	4,572.38	9,906.83	118,881.98
		STEP G	60.0125	4,801.00	10,402.16	124,826.00
1645	DEPT PUBLIC INFO OFFICER					
		STEP A	40.6515	3,252.12	7,046.26	84,555.12
		STEP B	42.6841	3,414.72	7,398.57	88,782.92
		STEP C	44.8183	3,585.46	7,768.50	93,222.06
		STEP D	47.0592	3,764.73	8,156.92	97,883.13
		STEP E	49.4122	3,952.97	8,564.78	102,777.37
		STEP F	51.8828	4,150.62	8,993.01	107,916.22
		STEP G	54.4769	4,358.15	9,442.66	113,311.95
1655	DEPUTY CITY ATTORNEY I					
		STEP A	56.1728	4,493.82	9,736.61	116,839.42
		STEP B	58.9814	4,718.51	10,223.44	122,681.31
		STEP C	61.9305	4,954.44	10,734.62	128,815.44
		STEP D	65.0270	5,202.16	11,271.34	135,256.16
		STEP E	68.2784	5,462.27	11,834.92	142,019.07
		STEP F	71.6923	5,735.38	12,426.66	149,119.98
		STEP G	75.2769	6,022.15	13,048.00	156,575.95

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
1658	DEPUTY CITY ATTORNEY II					
		STEP A	61.7901	4,943.20	10,710.28	128,523.40
		STEP B	64.8796	5,190.36	11,245.79	134,949.56
		STEP C	68.1236	5,449.88	11,808.09	141,697.08
		STEP D	71.5297	5,722.37	12,398.48	148,781.77
		STEP E	75.1062	6,008.49	13,018.40	156,220.89
		STEP F	78.8615	6,308.92	13,669.32	164,031.92
		STEP G	82.8046	6,624.36	14,352.79	172,233.56
1659	DEPUTY CITY MANAGER					
		STEP A	56.6293	4,530.34	9,815.74	117,788.94
		STEP B	59.4607	4,756.85	10,306.52	123,678.25
		STEP C	62.4338	4,994.70	10,821.85	129,862.30
		STEP D	65.5555	5,244.44	11,362.95	136,355.44
		STEP E	68.8334	5,506.67	11,931.12	143,173.47
		STEP F	72.2751	5,782.00	12,527.68	150,332.20
		STEP G	75.8887	6,071.09	13,154.04	157,848.49
1674	DEVELOPMENT ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	35.6224	2,849.79	6,174.54	74,094.59
		STEP C	37.4034	2,992.27	6,483.25	77,799.07
		STEP D	39.2738	3,141.90	6,807.45	81,689.50
		STEP E	41.2374	3,298.99	7,147.81	85,773.79
		STEP F	43.2993	3,463.94	7,505.21	90,062.54
		STEP G	45.4643	3,637.14	7,880.47	94,565.74
1675	DEVELOPMENT ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
1676	DEVELOPMENT SERVICES DIRECTOR					
		STEP A	71.2755	5,702.04	12,354.42	148,253.04
		STEP B	74.8393	5,987.14	12,972.14	155,665.74
		STEP C	78.5813	6,286.50	13,620.75	163,449.10
		STEP D	82.5103	6,600.82	14,301.78	171,621.42
		STEP E	86.6359	6,930.87	15,016.88	180,202.67
		STEP F	90.9677	7,277.41	15,767.73	189,212.81
		STEP G	95.5160	7,641.28	16,556.10	198,673.28

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
1695	DEVELOPMENT SERVICES MANAGER					
		STEP A	48.9520	3,916.16	8,485.01	101,820.16
		STEP B	51.3996	4,111.96	8,909.26	106,911.16
		STEP C	53.9696	4,317.56	9,354.73	112,256.76
		STEP D	56.6681	4,533.44	9,822.47	117,869.64
		STEP E	59.5015	4,760.12	10,313.59	123,763.12
		STEP F	62.4766	4,998.12	10,829.27	129,951.32
		STEP G	65.6004	5,248.03	11,370.73	136,448.83
1280	DEVELOPMENT SVCS ADMINISTRATOR					
		STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	43.1942	3,455.53	7,486.99	89,843.93
		STEP C	45.3539	3,628.31	7,861.34	94,336.11
		STEP D	47.6215	3,809.72	8,254.39	99,052.72
		STEP E	50.0027	4,000.21	8,667.13	104,005.61
		STEP F	52.5029	4,200.23	9,100.50	109,206.03
		STEP G	55.1279	4,410.23	9,555.50	114,666.03
1710	ECONOMIC DEVELOPMENT DIRECTOR					
		STEP A	65.9539	5,276.31	11,432.00	137,184.11
		STEP B	69.2518	5,540.14	12,003.64	144,043.74
		STEP C	72.7144	5,817.15	12,603.82	151,245.95
		STEP D	76.3500	6,108.00	13,234.00	158,808.00
		STEP E	80.1676	6,413.40	13,895.71	166,748.60
		STEP F	84.1760	6,734.08	14,590.50	175,086.08
		STEP G	88.3848	7,070.78	15,320.03	183,840.38
1711	ECONOMIC DEVELOPMENT SUPV					
		STEP A	45.5617	3,644.93	7,897.36	94,768.33
		STEP B	47.8398	3,827.18	8,292.23	99,506.78
		STEP C	50.2318	4,018.54	8,706.84	104,482.14
		STEP D	52.7434	4,219.47	9,142.18	109,706.27
		STEP E	55.3805	4,430.44	9,599.28	115,191.44
		STEP F	58.1496	4,651.96	10,079.26	120,951.16
		STEP G	61.0570	4,884.56	10,583.21	126,998.56
1310	ELECTRIC BUSINESS ANALYST I					
		STEP A	42.0978	3,367.82	7,296.95	87,563.42
		STEP B	44.2027	3,536.21	7,661.80	91,941.61
		STEP C	46.4128	3,713.02	8,044.88	96,538.62
		STEP D	48.7335	3,898.68	8,447.14	101,365.68
		STEP E	51.1702	4,093.61	8,869.50	106,434.01
		STEP F	53.7287	4,298.29	9,312.97	111,755.69
		STEP G	56.4151	4,513.20	9,778.61	117,343.40

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
1312	ELECTRIC BUSINESS ANALYST II					
		STEP A	46.3119	3,704.95	8,027.39	96,328.75
		STEP B	48.6275	3,890.20	8,428.76	101,145.20
		STEP C	51.0588	4,084.70	8,850.19	106,202.30
		STEP D	53.6118	4,288.94	9,292.71	111,512.54
		STEP E	56.2924	4,503.39	9,757.34	117,088.19
		STEP F	59.1070	4,728.56	10,245.21	122,942.56
		STEP G	62.0623	4,964.98	10,757.46	129,089.58
2335	ELECTRIC COMPLIANCE ANALYST					
		STEP A	47.7581	3,820.64	8,278.07	99,336.84
		STEP B	50.1460	4,011.68	8,691.97	104,303.68
		STEP C	52.6533	4,212.26	9,126.57	109,518.86
		STEP D	55.2860	4,422.88	9,582.90	114,994.88
		STEP E	58.0503	4,644.02	10,062.05	120,744.62
		STEP F	60.9528	4,876.22	10,565.15	126,781.82
		STEP G	64.0004	5,120.03	11,093.40	133,120.83
6285	ELECTRIC CUSTOMR PROGRAMS SUPV					
		STEP A	58.0974	4,647.79	10,070.21	120,842.59
		STEP B	61.0023	4,880.18	10,573.73	126,884.78
		STEP C	64.0524	5,124.19	11,102.41	133,228.99
		STEP D	67.2550	5,380.40	11,657.53	139,890.40
		STEP E	70.6177	5,649.41	12,240.40	146,884.81
		STEP F	74.1486	5,931.88	12,852.42	154,229.08
		STEP G	77.8561	6,228.48	13,495.05	161,940.68
2284	ELECTRIC ENGINEERING TECH SUPV					
		STEP A	50.7605	4,060.84	8,798.48	105,581.84
		STEP B	53.2985	4,263.88	9,238.40	110,860.88
		STEP C	55.9634	4,477.07	9,700.32	116,403.87
		STEP D	58.7616	4,700.92	10,185.34	122,224.12
		STEP E	61.6996	4,935.96	10,694.59	128,335.16
		STEP F	64.7846	5,182.76	11,229.33	134,751.96
		STEP G	68.0239	5,441.91	11,790.80	141,489.71
2338	ELECTRIC OPERATIONS MANAGER					
		STEP A	71.6936	5,735.48	12,426.89	149,122.68
		STEP B	75.2783	6,022.26	13,048.23	156,578.86
		STEP C	79.0422	6,323.37	13,700.64	164,407.77
		STEP D	82.9943	6,639.54	14,385.67	172,628.14
		STEP E	87.1441	6,971.52	15,104.97	181,259.72
		STEP F	91.5013	7,320.10	15,860.22	190,322.70
		STEP G	96.0763	7,686.10	16,653.22	199,838.70

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
2339	ELECTRIC OPERATIONS SUPERVISOR					
		STEP A	65.1770	5,214.16	11,297.34	135,568.16
		STEP B	68.4359	5,474.87	11,862.22	142,346.67
		STEP C	71.8577	5,748.61	12,455.33	149,464.01
		STEP D	75.4505	6,036.04	13,078.08	156,937.04
		STEP E	79.2231	6,337.84	13,732.00	164,784.04
		STEP F	83.1842	6,654.73	14,418.59	173,023.13
		STEP G	87.3434	6,987.47	15,139.52	181,674.27
2314	ELECTRIC RESOURCES ANALYST I					
		STEP A	50.3563	4,028.50	8,728.42	104,741.10
		STEP B	52.8741	4,229.92	9,164.84	109,978.12
		STEP C	55.5178	4,441.42	9,623.08	115,477.02
		STEP D	58.2937	4,663.49	10,104.24	121,250.89
		STEP E	61.2084	4,896.67	10,609.45	127,313.47
		STEP F	64.2688	5,141.50	11,139.92	133,679.10
		STEP G	67.4823	5,398.58	11,696.93	140,363.18
2316	ELECTRIC RESOURCES ANALYST II					
		STEP A	55.3919	4,431.35	9,601.26	115,215.15
		STEP B	58.1615	4,652.92	10,081.32	120,975.92
		STEP C	61.0696	4,885.56	10,585.39	127,024.76
		STEP D	64.1231	5,129.84	11,114.67	133,376.04
		STEP E	67.3293	5,386.34	11,670.41	140,044.94
		STEP F	70.6957	5,655.65	12,253.92	147,047.05
		STEP G	74.2305	5,938.44	12,866.62	154,399.44
2216	ELECTRIC RISK AND COMP SUPV					
		STEP A	60.4569	4,836.55	10,479.19	125,750.35
		STEP B	63.4798	5,078.38	11,003.16	132,037.98
		STEP C	66.6538	5,332.30	11,553.32	138,639.90
		STEP D	69.9864	5,598.91	12,130.97	145,571.71
		STEP E	73.4858	5,878.86	12,737.53	152,850.46
		STEP F	77.1601	6,172.80	13,374.41	160,493.00
		STEP G	81.0181	6,481.44	14,043.13	168,517.64
2352	ELECTRIC SAFETY COORDINATOR					
		STEP A	37.3188	2,985.50	6,468.59	77,623.10
		STEP B	39.1847	3,134.77	6,792.01	81,504.17
		STEP C	41.1438	3,291.50	7,131.59	85,579.10
		STEP D	43.2010	3,456.08	7,488.17	89,858.08
		STEP E	45.3610	3,628.88	7,862.57	94,350.88
		STEP F	47.6291	3,810.32	8,255.71	99,068.52
		STEP G	50.0107	4,000.85	8,668.52	104,022.25

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
2319	ELECTRIC SUBSTATION SUPERVISOR					
		STEP A	65.1770	5,214.16	11,297.34	135,568.16
		STEP B	68.4359	5,474.87	11,862.22	142,346.67
		STEP C	71.8577	5,748.61	12,455.33	149,464.01
		STEP D	75.4505	6,036.04	13,078.08	156,937.04
		STEP E	79.2231	6,337.84	13,732.00	164,784.04
		STEP F	83.1842	6,654.73	14,418.59	173,023.13
		STEP G	87.3434	6,987.47	15,139.52	181,674.27
2358	ELECTRIC TECHNOLOGY SYST SUPV					
		STEP A	53.5611	4,284.88	9,283.92	111,407.08
		STEP B	56.2392	4,499.13	9,748.12	116,977.53
		STEP C	59.0512	4,724.09	10,235.54	122,826.49
		STEP D	62.0037	4,960.29	10,747.30	128,967.69
		STEP E	65.1039	5,208.31	11,284.67	135,416.11
		STEP F	68.3591	5,468.72	11,848.91	142,186.92
		STEP G	71.7771	5,742.16	12,441.36	149,296.36
2320	ELECTRIC UTILITY DIRECTOR					
		STEP A	105.3938	8,431.50	18,268.25	219,219.10
		STEP B	110.6635	8,853.08	19,181.67	230,180.08
		STEP C	116.1967	9,295.73	20,140.76	241,689.13
		STEP D	122.0065	9,760.52	21,147.79	253,773.52
		STEP E	128.1069	10,248.55	22,205.19	266,462.35
		STEP F	134.5122	10,760.97	23,315.44	279,785.37
		STEP G	141.2378	11,299.02	24,481.21	293,774.62
2215	ELECTRIC UTILITY FIN ADMIN					
		STEP A	57.0568	4,564.54	9,889.84	118,678.14
		STEP B	59.9096	4,792.76	10,384.33	124,611.96
		STEP C	62.9051	5,032.40	10,903.55	130,842.60
		STEP D	66.0504	5,284.03	11,448.73	137,384.83
		STEP E	69.3529	5,548.23	12,021.16	144,254.03
		STEP F	72.8205	5,825.64	12,622.22	151,466.64
		STEP G	76.4616	6,116.92	13,253.34	159,040.12
2378	ELECTRONIC MAINT COORDINATOR					
		STEP A	40.0601	3,204.80	6,943.75	83,325.00
		STEP B	42.0632	3,365.05	7,290.95	87,491.45
		STEP C	44.1663	3,533.30	7,655.49	91,865.90
		STEP D	46.3746	3,709.96	8,038.26	96,459.16
		STEP E	48.6932	3,895.45	8,440.15	101,281.85
		STEP F	51.1279	4,090.23	8,862.16	106,346.03
		STEP G	53.6843	4,294.74	9,305.27	111,663.34

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
2415	EMS QUAL ASSURANCE COORDINATOR					
		STEP A	46.0955	3,687.64	7,989.88	95,878.64
		STEP B	48.4002	3,872.01	8,389.36	100,672.41
		STEP C	50.8204	4,065.63	8,808.86	105,706.43
		STEP D	53.3615	4,268.92	9,249.32	110,991.92
		STEP E	56.0295	4,482.36	9,711.78	116,541.36
		STEP F	58.8310	4,706.48	10,197.37	122,368.48
		STEP G	61.7725	4,941.80	10,707.23	128,486.80
2500	ENERGY SERVICES ACCOUNT REP I					
		STEP A	41.7529	3,340.23	7,237.16	86,846.03
		STEP B	43.8405	3,507.24	7,599.02	91,188.24
		STEP C	46.0325	3,682.60	7,978.96	95,747.60
		STEP D	48.3341	3,866.72	8,377.91	100,534.92
		STEP E	50.7509	4,060.07	8,796.82	105,561.87
		STEP F	53.2884	4,263.07	9,236.65	110,839.87
		STEP G	55.9528	4,476.22	9,698.48	116,381.82
2501	ENERGY SERVICES ACCOUNT REP II					
		STEP A	45.9282	3,674.25	7,960.88	95,530.65
		STEP B	48.2247	3,857.97	8,358.94	100,307.37
		STEP C	50.6359	4,050.87	8,776.88	105,322.67
		STEP D	53.1677	4,253.41	9,215.73	110,588.81
		STEP E	55.8261	4,466.08	9,676.52	116,118.28
		STEP F	58.6174	4,689.39	10,160.34	121,924.19
		STEP G	61.5482	4,923.85	10,668.35	128,020.25
1277	ENGINEERING MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	60.5130	4,841.04	10,488.92	125,867.04
		STEP C	63.5383	5,083.06	11,013.30	132,159.66
		STEP D	66.7154	5,337.23	11,564.00	138,768.03
		STEP E	70.0510	5,604.08	12,142.17	145,706.08
		STEP F	73.5535	5,884.28	12,749.27	152,991.28
		STEP G	77.2312	6,178.49	13,386.74	160,640.89
2540	ENVIRONMENTAL COORDINATOR					
		STEP A	42.9167	3,433.33	7,438.89	89,266.73
		STEP B	45.0627	3,605.01	7,810.86	93,730.41
		STEP C	47.3159	3,785.27	8,201.42	98,417.07
		STEP D	49.6815	3,974.52	8,611.46	103,337.52
		STEP E	52.1657	4,173.25	9,042.05	108,504.65
		STEP F	54.7738	4,381.90	9,494.12	113,929.50
		STEP G	57.5126	4,601.00	9,968.85	119,626.20

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
2541	ENVIRONMENTAL UTIL COMPL ADMIN					
		STEP A	42.9148	3,433.18	7,438.56	89,262.78
		STEP B	45.0604	3,604.83	7,810.46	93,725.63
		STEP C	47.3134	3,785.07	8,200.98	98,411.87
		STEP D	49.6791	3,974.32	8,611.04	103,332.52
		STEP E	52.1629	4,173.03	9,041.56	108,498.83
		STEP F	54.7711	4,381.68	9,493.65	113,923.88
		STEP G	57.5096	4,600.76	9,968.33	119,619.96
1684	ENVIRONMENTAL UTIL DIRECTOR					
		STEP A	79.0353	6,322.82	13,699.45	164,393.42
		STEP B	82.9870	6,638.96	14,384.41	172,612.96
		STEP C	87.1364	6,970.91	15,103.64	181,243.71
		STEP D	91.4932	7,319.45	15,858.82	190,305.85
		STEP E	96.0679	7,685.43	16,651.76	199,821.23
		STEP F	100.8713	8,069.70	17,484.35	209,812.30
		STEP G	105.9148	8,473.18	18,358.56	220,302.78
2565	EQUIPMENT MAINT SUPERVISOR					
		STEP A	33.3813	2,670.50	5,786.09	69,433.10
		STEP B	35.0504	2,804.03	6,075.40	72,904.83
		STEP C	36.8029	2,944.23	6,379.16	76,550.03
		STEP D	38.6431	3,091.44	6,698.13	80,377.64
		STEP E	40.5752	3,246.01	7,033.03	84,396.41
		STEP F	42.6040	3,408.32	7,384.69	88,616.32
		STEP G	44.7342	3,578.73	7,753.92	93,047.13
6520	ERP MANAGER					
		STEP A	49.7966	3,983.72	8,631.41	103,576.92
		STEP B	52.2864	4,182.91	9,062.97	108,755.71
		STEP C	54.9007	4,392.05	9,516.12	114,193.45
		STEP D	57.6458	4,611.66	9,991.93	119,903.26
		STEP E	60.5280	4,842.24	10,491.52	125,898.24
		STEP F	63.5544	5,084.35	11,016.09	132,193.15
		STEP G	66.7322	5,338.57	11,566.91	138,802.97
2548	EU BUSINESS SVCS ADMINISTRATOR					
		STEP A	43.7743	3,501.94	7,587.54	91,050.54
		STEP B	45.9630	3,677.04	7,966.92	95,603.04
		STEP C	48.2612	3,860.89	8,365.27	100,383.29
		STEP D	50.6742	4,053.93	8,783.52	105,402.33
		STEP E	53.2079	4,256.63	9,222.70	110,672.43
		STEP F	55.8684	4,469.47	9,683.85	116,206.27
		STEP G	58.6617	4,692.93	10,168.02	122,016.33

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
2546	EU RATE ANALYST I					
		STEP A	35.1221	2,809.76	6,087.83	73,053.96
		STEP B	36.8781	2,950.24	6,392.20	76,706.44
		STEP C	38.7221	3,097.76	6,711.83	80,541.96
		STEP D	40.6581	3,252.64	7,047.40	84,568.84
		STEP E	42.6911	3,415.28	7,399.79	88,797.48
		STEP F	44.8256	3,586.04	7,769.77	93,237.24
		STEP G	47.0669	3,765.35	8,158.26	97,899.15
2547	EU RATE ANALYST II					
		STEP A	38.0646	3,045.16	6,597.86	79,174.36
		STEP B	39.9678	3,197.42	6,927.75	83,133.02
		STEP C	41.9663	3,357.30	7,274.15	87,289.90
		STEP D	44.0645	3,525.16	7,637.84	91,654.16
		STEP E	46.2677	3,701.41	8,019.73	96,236.81
		STEP F	48.5812	3,886.49	8,420.74	101,048.89
		STEP G	51.0102	4,080.81	8,841.76	106,101.21
3395	FACILITIES MANAGER					
		STEP A	43.5764	3,486.11	7,553.24	90,638.91
		STEP B	45.7552	3,660.41	7,930.90	95,170.81
		STEP C	48.0429	3,843.43	8,327.43	99,929.23
		STEP D	50.4451	4,035.60	8,743.81	104,925.80
		STEP E	52.9673	4,237.38	9,181.00	110,171.98
		STEP F	55.6157	4,449.25	9,640.05	115,680.65
		STEP G	58.3965	4,671.72	10,122.06	121,464.72
4321	FACILITIES SUPERVISOR					
		STEP A	32.1266	2,570.12	5,568.61	66,823.32
		STEP B	33.7330	2,698.64	5,847.05	70,164.64
		STEP C	35.4196	2,833.56	6,139.39	73,672.76
		STEP D	37.1906	2,975.24	6,446.37	77,356.44
		STEP E	39.0501	3,124.00	6,768.68	81,224.20
		STEP F	41.0026	3,280.20	7,107.11	85,285.40
		STEP G	43.0527	3,444.21	7,462.46	89,549.61
2900	FINANCE MANAGER					
		STEP A	48.7830	3,902.64	8,455.72	101,468.64
		STEP B	51.2222	4,097.77	8,878.51	106,542.17
		STEP C	53.7833	4,302.66	9,322.43	111,869.26
		STEP D	56.4724	4,517.79	9,788.54	117,462.59
		STEP E	59.2960	4,743.68	10,277.97	123,335.68
		STEP F	62.2608	4,980.86	10,791.87	129,502.46
		STEP G	65.3739	5,229.91	11,331.47	135,977.71

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3310	FINANCE SUPERVISOR					
		STEP A	37.9212	3,033.69	6,573.00	78,876.09
		STEP B	39.8172	3,185.37	6,901.64	82,819.77
		STEP C	41.8081	3,344.64	7,246.73	86,960.84
		STEP D	43.8985	3,511.88	7,609.07	91,308.88
		STEP E	46.0934	3,687.47	7,989.52	95,874.27
		STEP F	48.3981	3,871.84	8,389.00	100,668.04
		STEP G	50.8180	4,065.44	8,808.45	105,701.44
3391	FIRE BATTALION CHIEF (8HR)					
		STEP A	53.2870	4,262.96	9,236.41	110,836.96
		STEP B	55.9513	4,476.10	9,698.22	116,378.70
		STEP C	58.7489	4,699.91	10,183.14	122,197.71
		STEP D	61.6863	4,934.90	10,692.29	128,307.50
		STEP E	64.7707	5,181.65	11,226.92	134,723.05
		STEP F	68.0092	5,440.73	11,788.26	141,459.13
		STEP G	71.4096	5,712.76	12,377.66	148,531.96
0905	FIRE BATTALION CHIEF (24HR)					
		STEP A	38.0621	4,262.95	9,236.40	110,836.83
		STEP B	39.9652	4,476.10	9,698.22	116,378.66
		STEP C	41.9635	4,699.91	10,183.14	122,197.71
		STEP D	44.0617	4,934.91	10,692.30	128,307.67
		STEP E	46.2648	5,181.65	11,226.92	134,723.09
		STEP F	48.5780	5,440.73	11,788.26	141,459.13
		STEP G	51.0069	5,712.77	12,377.67	148,532.09
3330	FIRE CHIEF					
		STEP A	74.2220	5,937.76	12,865.14	154,381.76
		STEP B	77.9332	6,234.65	13,508.42	162,101.05
		STEP C	81.8297	6,546.37	14,183.81	170,205.77
		STEP D	85.9213	6,873.70	14,893.02	178,716.30
		STEP E	90.2174	7,217.39	15,637.68	187,652.19
		STEP F	94.7280	7,578.24	16,419.52	197,034.24
		STEP G	99.4645	7,957.16	17,240.51	206,886.16
3332	FIRE DIVISION CHIEF					
		STEP A	56.8040	4,544.32	9,846.02	118,152.32
		STEP B	59.6442	4,771.53	10,338.32	124,059.93
		STEP C	62.6264	5,010.11	10,855.24	130,262.91
		STEP D	65.7577	5,260.61	11,398.00	136,776.01
		STEP E	69.0456	5,523.64	11,967.90	143,614.84
		STEP F	72.4979	5,799.83	12,566.30	150,795.63
		STEP G	76.1227	6,089.81	13,194.60	158,335.21

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3392	FLEET MANAGER					
		STEP A	43.5764	3,486.11	7,553.24	90,638.91
		STEP B	45.7552	3,660.41	7,930.90	95,170.81
		STEP C	48.0429	3,843.43	8,327.43	99,929.23
		STEP D	50.4451	4,035.60	8,743.81	104,925.80
		STEP E	52.9673	4,237.38	9,181.00	110,171.98
		STEP F	55.6157	4,449.25	9,640.05	115,680.65
		STEP G	58.3965	4,671.72	10,122.06	121,464.72
3451	GOVERNMENT RELATIONS ADMINISTR					
		STEP A	48.9022	3,912.17	8,476.38	101,716.57
		STEP B	51.3473	4,107.78	8,900.19	106,802.38
		STEP C	53.9147	4,313.17	9,345.21	112,142.57
		STEP D	56.6104	4,528.83	9,812.46	117,749.63
		STEP E	59.4409	4,755.27	10,303.08	123,637.07
		STEP F	62.4130	4,993.04	10,818.25	129,819.04
		STEP G	65.5336	5,242.68	11,359.15	136,309.88
1647	GOVERNMENT RELATIONS REP I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	35.6224	2,849.79	6,174.54	74,094.59
		STEP C	37.4034	2,992.27	6,483.25	77,799.07
		STEP D	39.2738	3,141.90	6,807.45	81,689.50
		STEP E	41.2374	3,298.99	7,147.81	85,773.79
		STEP F	43.2993	3,463.94	7,505.21	90,062.54
		STEP G	45.4643	3,637.14	7,880.47	94,565.74
1648	GOVERNMENT RELATIONS REP II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
3589	HOUSING MANAGER					
		STEP A	44.3119	3,544.95	7,680.72	92,168.75
		STEP B	46.5293	3,722.34	8,065.07	96,780.94
		STEP C	48.8559	3,908.47	8,468.35	101,620.27
		STEP D	51.2987	4,103.89	8,891.77	106,701.29
		STEP E	53.8635	4,309.08	9,336.34	112,036.08
		STEP F	56.5568	4,524.54	9,803.17	117,638.14
		STEP G	59.3846	4,750.76	10,293.33	123,519.96

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3590	HOUSING SUPERVISOR					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
3594	HUMAN RESOURCES ANALYST I					
		STEP A	33.4965	2,679.72	5,806.06	69,672.72
		STEP B	35.1713	2,813.70	6,096.35	73,156.30
		STEP C	36.9299	2,954.39	6,401.18	76,814.19
		STEP D	38.7764	3,102.11	6,721.24	80,654.91
		STEP E	40.7152	3,257.21	7,057.30	84,687.61
		STEP F	42.7509	3,420.07	7,410.15	88,921.87
		STEP G	44.8885	3,591.08	7,780.67	93,368.08
3596	HUMAN RESOURCES ANALYST II					
		STEP A	36.8461	2,947.68	6,386.65	76,639.88
		STEP B	38.6884	3,095.07	6,705.98	80,471.87
		STEP C	40.6228	3,249.82	7,041.28	84,495.42
		STEP D	42.6540	3,412.32	7,393.36	88,720.32
		STEP E	44.7867	3,582.93	7,763.02	93,156.33
		STEP F	47.0260	3,762.08	8,151.17	97,814.08
		STEP G	49.3773	3,950.18	8,558.73	102,704.78
3598	HUMAN RESOURCES DIRECTOR					
		STEP A	65.4069	5,232.55	11,337.19	136,046.35
		STEP B	68.6772	5,494.17	11,904.04	142,848.57
		STEP C	72.1111	5,768.88	12,499.25	149,991.08
		STEP D	75.7166	6,057.32	13,124.21	157,490.52
		STEP E	79.5025	6,360.20	13,780.43	165,365.20
		STEP F	83.4776	6,678.20	14,469.45	173,633.40
		STEP G	87.6515	7,012.12	15,192.92	182,315.12
3599	HUMAN RESOURCES MANAGER					
		STEP A	42.5017	3,400.13	7,366.96	88,403.53
		STEP B	44.6268	3,570.14	7,735.31	92,823.74
		STEP C	46.8583	3,748.66	8,122.10	97,465.26
		STEP D	49.2011	3,936.08	8,528.19	102,338.28
		STEP E	51.6612	4,132.89	8,954.60	107,455.29
		STEP F	54.2444	4,339.55	9,402.36	112,828.35
		STEP G	56.9566	4,556.52	9,872.47	118,469.72

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3625	INFO SECURITY ADMINISTRATOR					
		STEP A	44.1655	3,533.24	7,655.35	91,864.24
		STEP B	46.3737	3,709.89	8,038.10	96,457.29
		STEP C	48.6924	3,895.39	8,440.01	101,280.19
		STEP D	51.1271	4,090.16	8,862.03	106,344.36
		STEP E	53.6834	4,294.67	9,305.12	111,661.47
		STEP F	56.3676	4,509.40	9,770.38	117,244.60
		STEP G	59.1860	4,734.88	10,258.90	123,106.88
3740	INTERPRETIVE SRVCS SUPERVISOR					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	37.3183	2,985.46	6,468.50	77,622.06
		STEP C	39.1844	3,134.75	6,791.96	81,503.55
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90
9542	IT CLIENT SERVICES SUPERVISOR					
		STEP A	38.7743	3,101.94	6,720.87	80,650.54
		STEP B	40.7130	3,257.04	7,056.92	84,683.04
		STEP C	42.7487	3,419.89	7,409.77	88,917.29
		STEP D	44.8861	3,590.88	7,780.25	93,363.08
		STEP E	47.1304	3,770.43	8,169.26	98,031.23
		STEP F	49.4869	3,958.95	8,577.72	102,932.75
		STEP G	51.9613	4,156.90	9,006.62	108,079.50
3601	IT DIVISION MANAGER					
		STEP A	49.7966	3,983.72	8,631.41	103,576.92
		STEP B	52.2864	4,182.91	9,062.97	108,755.71
		STEP C	54.9007	4,392.05	9,516.12	114,193.45
		STEP D	57.6458	4,611.66	9,991.93	119,903.26
		STEP E	60.5280	4,842.24	10,491.52	125,898.24
		STEP F	63.5544	5,084.35	11,016.09	132,193.15
		STEP G	66.7322	5,338.57	11,566.91	138,802.97
3602	IT PROGRAM MANAGER					
		STEP A	45.2696	3,621.56	7,846.73	94,160.76
		STEP B	47.5331	3,802.64	8,239.07	98,868.84
		STEP C	49.9097	3,992.77	8,651.01	103,812.17
		STEP D	52.4052	4,192.41	9,083.56	109,002.81
		STEP E	55.0255	4,402.04	9,537.75	114,453.04
		STEP F	57.7768	4,622.14	10,014.64	120,175.74
		STEP G	60.6656	4,853.24	10,515.37	126,184.44

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Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3810	KEY ACCOUNTS REPRESENTATIVE					
		STEP A	50.5186	4,041.48	8,756.55	105,078.68
		STEP B	53.0446	4,243.56	9,194.39	110,332.76
		STEP C	55.6968	4,455.74	9,654.11	115,849.34
		STEP D	58.4816	4,678.52	10,136.81	121,641.72
		STEP E	61.4057	4,912.45	10,643.65	127,723.85
		STEP F	64.4760	5,158.08	11,175.84	134,110.08
		STEP G	67.6998	5,415.98	11,734.63	140,815.58
4449	MANAGEMENT ANALYST					
		STEP A	39.1848	3,134.78	6,792.03	81,504.38
		STEP B	41.1439	3,291.51	7,131.60	85,579.31
		STEP C	43.2012	3,456.09	7,488.20	89,858.49
		STEP D	45.3611	3,628.88	7,862.59	94,351.08
		STEP E	47.6293	3,810.34	8,255.74	99,068.94
		STEP F	50.0107	4,000.85	8,668.52	104,022.25
		STEP G	52.5111	4,200.88	9,101.92	109,223.08
5020	PARK DEVELOPMENT ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	35.6224	2,849.79	6,174.54	74,094.59
		STEP C	37.4034	2,992.27	6,483.25	77,799.07
		STEP D	39.2738	3,141.90	6,807.45	81,689.50
		STEP E	41.2374	3,298.99	7,147.81	85,773.79
		STEP F	43.2993	3,463.94	7,505.21	90,062.54
		STEP G	45.4643	3,637.14	7,880.47	94,565.74
5022	PARK DEVELOPMENT ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
5024	PARK PLANNING & DEVELOPMT SUPT					
		STEP A	41.1430	3,291.44	7,131.45	85,577.44
		STEP B	43.2002	3,456.01	7,488.03	89,856.41
		STEP C	45.3602	3,628.81	7,862.43	94,349.21
		STEP D	47.6281	3,810.24	8,255.53	99,066.44
		STEP E	50.0099	4,000.79	8,668.38	104,020.59
		STEP F	52.5101	4,200.80	9,101.75	109,221.00
		STEP G	55.1354	4,410.83	9,556.80	114,681.63

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
5069	PARKS SUPERVISOR					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	37.3184	2,985.47	6,468.52	77,622.27
		STEP C	39.1845	3,134.76	6,791.98	81,503.76
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90
5082	PARKS,REC & LIBRARIES DIRECTOR					
		STEP A	70.6179	5,649.43	12,240.43	146,885.23
		STEP B	74.1488	5,931.90	12,852.45	154,229.50
		STEP C	77.8562	6,228.49	13,495.07	161,940.89
		STEP D	81.7490	6,539.92	14,169.82	170,037.92
		STEP E	85.8365	6,866.92	14,878.32	178,539.92
		STEP F	90.1283	7,210.26	15,622.23	187,466.86
		STEP G	94.6347	7,570.77	16,403.34	196,840.17
9547	PARKS,REC&LIB MANAGER					
		STEP A	51.0108	4,080.86	8,841.87	106,102.46
		STEP B	53.5613	4,284.90	9,283.95	111,407.50
		STEP C	56.2392	4,499.13	9,748.12	116,977.53
		STEP D	59.0515	4,724.12	10,235.59	122,827.12
		STEP E	62.0038	4,960.30	10,747.32	128,967.90
		STEP F	65.1042	5,208.33	11,284.72	135,416.73
		STEP G	68.3594	5,468.75	11,848.96	142,187.55
9546	PARKS,REC&LIB SUPERINTENDENT					
		STEP A	41.1430	3,291.44	7,131.45	85,577.44
		STEP B	43.2002	3,456.01	7,488.03	89,856.41
		STEP C	45.3602	3,628.81	7,862.43	94,349.21
		STEP D	47.6281	3,810.24	8,255.53	99,066.44
		STEP E	50.0099	4,000.79	8,668.38	104,020.59
		STEP F	52.5101	4,200.80	9,101.75	109,221.00
		STEP G	55.1354	4,410.83	9,556.80	114,681.63
9428	PAYROLL SUPERVISOR					
		STEP A	41.6093	3,328.74	7,212.27	86,547.34
		STEP B	43.6897	3,495.17	7,572.88	90,874.57
		STEP C	45.8742	3,669.93	7,951.52	95,418.33
		STEP D	48.1679	3,853.43	8,349.10	100,189.23
		STEP E	50.5763	4,046.10	8,766.55	105,198.70
		STEP F	53.1051	4,248.40	9,204.88	110,458.60
		STEP G	55.7604	4,460.83	9,665.13	115,981.63

CITY OF ROSEVILLE

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MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
1501	PERMITS SUPERVISOR	STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	39.1848	3,134.78	6,792.03	81,504.38
		STEP C	41.1439	3,291.51	7,131.60	85,579.31
		STEP D	43.2012	3,456.09	7,488.20	89,858.49
		STEP E	45.3611	3,628.88	7,862.59	94,351.08
		STEP F	47.6293	3,810.34	8,255.74	99,068.94
		STEP G	50.0107	4,000.85	8,668.52	104,022.25
5309	PLANNING MANAGER	STEP A	56.6293	4,530.34	9,815.74	117,788.94
		STEP B	59.4607	4,756.85	10,306.52	123,678.25
		STEP C	62.4338	4,994.70	10,821.85	129,862.30
		STEP D	65.5555	5,244.44	11,362.95	136,355.44
		STEP E	68.8334	5,506.67	11,931.12	143,173.47
		STEP F	72.2751	5,782.00	12,527.68	150,332.20
		STEP G	75.8887	6,071.09	13,154.04	157,848.49
5400	POLICE CAPTAIN	STEP A	62.2656	4,981.24	10,792.70	129,512.44
		STEP B	65.3788	5,230.30	11,332.32	135,987.90
		STEP C	68.6478	5,491.82	11,898.95	142,787.42
		STEP D	72.0802	5,766.41	12,493.90	149,926.81
		STEP E	75.6842	6,054.73	13,118.59	157,423.13
		STEP F	79.4684	6,357.47	13,774.52	165,294.27
		STEP G	83.4418	6,675.34	14,463.24	173,558.94
5410	POLICE CHIEF	STEP A	82.6974	6,615.79	14,334.21	172,010.59
		STEP B	86.8323	6,946.58	15,050.93	180,611.18
		STEP C	91.1739	7,293.91	15,803.47	189,641.71
		STEP D	95.7326	7,658.60	16,593.65	199,123.80
		STEP E	100.5192	8,041.53	17,423.32	209,079.93
		STEP F	105.5452	8,443.61	18,294.50	219,534.01
		STEP G	110.8225	8,865.80	19,209.23	230,510.80
5420	POLICE LIEUTENANT	STEP A	54.7527	4,380.21	9,490.46	113,885.61
		STEP B	57.4904	4,599.23	9,965.00	119,580.03
		STEP C	60.3649	4,829.19	10,463.24	125,558.99
		STEP D	63.3831	5,070.64	10,986.40	131,836.84
		STEP E	66.5523	5,324.18	11,535.73	138,428.78
		STEP F	69.8799	5,590.39	12,112.51	145,350.19
		STEP G	73.3739	5,869.91	12,718.14	152,617.71

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MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
5489	POLICE SERVICES ADMINISTRATOR					
		STEP A	44.4136	3,553.08	7,698.35	92,380.28
		STEP B	46.6343	3,730.74	8,083.27	96,999.34
		STEP C	48.9660	3,917.28	8,487.44	101,849.28
		STEP D	51.4143	4,113.14	8,911.81	106,941.74
		STEP E	53.9850	4,318.80	9,357.40	112,288.80
		STEP F	56.6843	4,534.74	9,825.27	117,903.34
		STEP G	59.5185	4,761.48	10,316.54	123,798.48
5485	POLICE SOCIAL SVCS ADMINSTR					
		STEP A	44.7824	3,582.59	7,762.28	93,147.39
		STEP B	47.0215	3,761.72	8,150.39	97,804.72
		STEP C	49.3725	3,949.80	8,557.90	102,694.80
		STEP D	51.8413	4,147.30	8,985.82	107,829.90
		STEP E	54.4333	4,354.66	9,435.10	113,221.26
		STEP F	57.1550	4,572.40	9,906.86	118,882.40
		STEP G	60.0125	4,801.00	10,402.16	124,826.00
5505	POWER ENGINEERING MANAGER					
		STEP A	71.6936	5,735.48	12,426.89	149,122.68
		STEP B	75.2783	6,022.26	13,048.23	156,578.86
		STEP C	79.0422	6,323.37	13,700.64	164,407.77
		STEP D	82.9943	6,639.54	14,385.67	172,628.14
		STEP E	87.1441	6,971.52	15,104.97	181,259.72
		STEP F	91.5013	7,320.10	15,860.22	190,322.70
		STEP G	96.0763	7,686.10	16,653.22	199,838.70
5600	POWER GENERATION SUPERTINDENT					
		STEP A	66.4312	5,314.49	11,514.74	138,176.89
		STEP B	69.7528	5,580.22	12,090.48	145,085.82
		STEP C	73.2404	5,859.23	12,695.00	152,340.03
		STEP D	76.9025	6,152.20	13,329.76	159,957.20
		STEP E	80.7476	6,459.80	13,996.25	167,955.00
		STEP F	84.7850	6,782.80	14,696.06	176,352.80
		STEP G	89.0242	7,121.93	15,430.86	185,170.33
5530	POWER PLANT OPS & MAINT SUPV					
		STEP A	63.2632	5,061.05	10,965.62	131,587.45
		STEP B	66.4263	5,314.10	11,513.89	138,166.70
		STEP C	69.7476	5,579.80	12,089.58	145,075.00
		STEP D	73.2350	5,858.80	12,694.06	152,328.80
		STEP E	76.8968	6,151.74	13,328.77	159,945.34
		STEP F	80.7416	6,459.32	13,995.21	167,942.52
		STEP G	84.7787	6,782.29	14,694.97	176,339.69

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MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
5535	POWER SUPPLY & PORTFOLIO ADMST					
		STEP A	68.7248	5,497.98	11,912.29	142,947.58
		STEP B	72.1610	5,772.88	12,507.90	150,094.88
		STEP C	75.7691	6,061.52	13,133.31	157,599.72
		STEP D	79.5575	6,364.60	13,789.96	165,479.60
		STEP E	83.5354	6,682.83	14,479.46	173,753.63
		STEP F	87.7122	7,016.97	15,203.44	182,441.37
		STEP G	92.0978	7,367.82	15,963.61	191,563.42
5519	PREVENTATIVE MAINT SUPERVISOR					
		STEP A	50.5019	4,040.15	8,753.66	105,043.95
		STEP B	53.0270	4,242.16	9,191.34	110,296.16
		STEP C	55.6784	4,454.27	9,650.92	115,811.07
		STEP D	58.4623	4,676.98	10,133.46	121,601.58
		STEP E	61.3854	4,910.83	10,640.13	127,681.63
		STEP F	64.4547	5,156.37	11,172.14	134,065.77
		STEP G	67.6774	5,414.19	11,730.74	140,768.99
5514	PRINCIPAL ENGINEER					
		STEP A	51.2263	4,098.10	8,879.22	106,550.70
		STEP B	53.7875	4,303.00	9,323.16	111,878.00
		STEP C	56.4770	4,518.16	9,789.34	117,472.16
		STEP D	59.3009	4,744.07	10,278.82	123,345.87
		STEP E	62.2660	4,981.28	10,792.77	129,513.28
		STEP F	65.3794	5,230.35	11,332.42	135,989.15
		STEP G	68.6480	5,491.84	11,898.98	142,787.84
5513	PRINCIPAL PLANNER					
		STEP A	47.3068	3,784.54	8,199.84	98,398.14
		STEP B	49.6722	3,973.77	8,609.84	103,318.17
		STEP C	52.1557	4,172.45	9,040.32	108,483.85
		STEP D	54.7635	4,381.08	9,492.34	113,908.08
		STEP E	57.5017	4,600.13	9,966.96	119,603.53
		STEP F	60.3767	4,830.13	10,465.29	125,583.53
		STEP G	63.3957	5,071.65	10,988.58	131,863.05
5615	PUB AFFAIRS&COMMUNICAT ADMNSTR					
		STEP A	44.7824	3,582.59	7,762.28	93,147.39
		STEP B	47.0215	3,761.72	8,150.39	97,804.72
		STEP C	49.3725	3,949.80	8,557.90	102,694.80
		STEP D	51.8413	4,147.30	8,985.82	107,829.90
		STEP E	54.4333	4,354.66	9,435.10	113,221.26
		STEP F	57.1550	4,572.40	9,906.86	118,882.40
		STEP G	60.0125	4,801.00	10,402.16	124,826.00

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MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
5610	PUBLIC AFFAIRS&COMMNCT DIRCTOR					
		STEP A	56.6292	4,530.33	9,815.72	117,788.73
		STEP B	59.4607	4,756.85	10,306.52	123,678.25
		STEP C	62.4338	4,994.70	10,821.85	129,862.30
		STEP D	65.5555	5,244.44	11,362.95	136,355.44
		STEP E	68.8333	5,506.66	11,931.10	143,173.26
		STEP F	72.2751	5,782.00	12,527.68	150,332.20
		STEP G	75.8886	6,071.08	13,154.02	157,848.28
5565	PUBLIC INFORMATION OFFICER					
		STEP A	42.9932	3,439.45	7,452.15	89,425.85
		STEP B	45.1428	3,611.42	7,824.75	93,897.02
		STEP C	47.4000	3,792.00	8,216.00	98,592.00
		STEP D	49.7699	3,981.59	8,626.78	103,521.39
		STEP E	52.2584	4,180.67	9,058.12	108,697.47
		STEP F	54.8714	4,389.71	9,511.04	114,132.51
		STEP G	57.6149	4,609.19	9,986.58	119,838.99
5635	PUBLIC WORKS DIRECTOR					
		STEP A	73.1393	5,851.14	12,677.47	152,129.74
		STEP B	76.7962	6,143.69	13,311.34	159,736.09
		STEP C	80.6361	6,450.88	13,976.92	167,723.08
		STEP D	84.6679	6,773.43	14,675.76	176,109.23
		STEP E	88.9013	7,112.10	15,409.55	184,914.70
		STEP F	93.3463	7,467.70	16,180.02	194,160.30
		STEP G	98.0136	7,841.08	16,989.02	203,868.28
5652	PURCHASING & WAREHOUSE MANAGER					
		STEP A	44.4826	3,558.60	7,710.31	92,523.80
		STEP B	46.7067	3,736.53	8,095.82	97,149.93
		STEP C	49.0420	3,923.36	8,500.61	102,007.36
		STEP D	51.4941	4,119.52	8,925.64	107,107.72
		STEP E	54.0688	4,325.50	9,371.92	112,463.10
		STEP F	56.7723	4,541.78	9,840.53	118,086.38
		STEP G	59.6109	4,768.87	10,332.55	123,990.67
9544	RECREATION & LIBRARY SUPV					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	37.3184	2,985.47	6,468.52	77,622.27
		STEP C	39.1845	3,134.76	6,791.98	81,503.76
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90

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MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
6244	REFUSE & STORMWATER MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	60.5130	4,841.04	10,488.92	125,867.04
		STEP C	63.5383	5,083.06	11,013.30	132,159.66
		STEP D	66.7154	5,337.23	11,564.00	138,768.03
		STEP E	70.0510	5,604.08	12,142.17	145,706.08
		STEP F	73.5535	5,884.28	12,749.27	152,991.28
		STEP G	77.2312	6,178.49	13,386.74	160,640.89
6231	REFUSE SUPERINTENDENT					
		STEP A	40.8726	3,269.80	7,084.58	85,015.00
		STEP B	42.9162	3,433.29	7,438.80	89,265.69
		STEP C	45.0619	3,604.95	7,810.72	93,728.75
		STEP D	47.3153	3,785.22	8,201.31	98,415.82
		STEP E	49.6808	3,974.46	8,611.33	103,336.06
		STEP F	52.1648	4,173.18	9,041.89	108,502.78
		STEP G	54.7731	4,381.84	9,494.00	113,928.04
6235	REFUSE SUPERVISOR					
		STEP A	34.4344	2,754.75	5,968.62	71,623.55
		STEP B	36.1561	2,892.48	6,267.05	75,204.68
		STEP C	37.9641	3,037.12	6,580.44	78,965.32
		STEP D	39.8615	3,188.92	6,909.32	82,911.92
		STEP E	41.8546	3,348.36	7,254.79	87,057.56
		STEP F	43.9471	3,515.76	7,617.49	91,409.96
		STEP G	46.1447	3,691.57	7,998.41	95,980.97
6450	RISK MANAGER					
		STEP A	51.2305	4,098.44	8,879.95	106,559.44
		STEP B	53.7920	4,303.36	9,323.94	111,887.36
		STEP C	56.4817	4,518.53	9,790.16	117,481.93
		STEP D	59.3058	4,744.46	10,279.67	123,356.06
		STEP E	62.2711	4,981.68	10,793.65	129,523.88
		STEP F	65.3847	5,230.77	11,333.34	136,000.17
		STEP G	68.6539	5,492.31	11,900.00	142,800.11
6500	SAFETY COORDINATOR					
		STEP A	37.3188	2,985.50	6,468.59	77,623.10
		STEP B	39.1847	3,134.77	6,792.01	81,504.17
		STEP C	41.1438	3,291.50	7,131.59	85,579.10
		STEP D	43.2010	3,456.08	7,488.17	89,858.08
		STEP E	45.3610	3,628.88	7,862.57	94,350.88
		STEP F	47.6291	3,810.32	8,255.71	99,068.52
		STEP G	50.0107	4,000.85	8,668.52	104,022.25

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
7130	SR BUSINESS SYSTEMS ANALYST					
		STEP A	35.4616	2,836.92	6,146.67	73,760.12
		STEP B	37.2347	2,978.77	6,454.01	77,448.17
		STEP C	39.0964	3,127.71	6,776.70	81,320.51
		STEP D	41.0512	3,284.09	7,115.54	85,386.49
		STEP E	43.1038	3,448.30	7,471.32	89,655.90
		STEP F	45.2590	3,620.72	7,844.89	94,138.72
		STEP G	47.5218	3,801.74	8,237.11	98,845.34
7145	SR DATABASE ANALYST					
		STEP A	38.9454	3,115.63	6,750.53	81,006.43
		STEP B	40.8928	3,271.42	7,088.08	85,057.02
		STEP C	42.9374	3,434.99	7,442.48	89,309.79
		STEP D	45.0842	3,606.73	7,814.59	93,775.13
		STEP E	47.3385	3,787.08	8,205.34	98,464.08
		STEP F	49.7053	3,976.42	8,615.58	103,387.02
		STEP G	52.1906	4,175.24	9,046.37	108,556.44
7123	SR DEPUTY CITY ATTORNEY					
		STEP A	67.9690	5,437.52	11,781.29	141,375.52
		STEP B	71.3675	5,709.40	12,370.36	148,444.40
		STEP C	74.9359	5,994.87	12,988.88	155,866.67
		STEP D	78.6827	6,294.61	13,638.33	163,660.01
		STEP E	82.6168	6,609.34	14,320.24	171,842.94
		STEP F	86.7476	6,939.80	15,036.25	180,435.00
		STEP G	91.0850	7,286.80	15,788.06	189,456.80
1281	SR DEVELOPMENT SERVICES ANALYS					
		STEP A	35.6131	2,849.04	6,172.93	74,075.24
		STEP B	37.3937	2,991.49	6,481.57	77,778.89
		STEP C	39.2634	3,141.07	6,805.65	81,667.87
		STEP D	41.2266	3,298.12	7,145.94	85,751.32
		STEP E	43.2879	3,463.03	7,503.23	90,038.83
		STEP F	45.4523	3,636.18	7,878.39	94,540.78
		STEP G	47.7249	3,817.99	8,272.31	99,267.79
7128	SR ELECTRIC BUSINESS ANALYST					
		STEP A	50.9436	4,075.48	8,830.22	105,962.68
		STEP B	53.4907	4,279.25	9,271.72	111,260.65
		STEP C	56.1653	4,493.22	9,735.31	116,823.82
		STEP D	58.9735	4,717.88	10,222.07	122,664.88
		STEP E	61.9222	4,953.77	10,733.18	128,798.17
		STEP F	65.0183	5,201.46	11,269.83	135,238.06
		STEP G	68.2693	5,461.54	11,833.34	142,000.14

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
7163	SR ENERGY SERVICES ACCOUNT REP					
		STEP A	50.5186	4,041.48	8,756.55	105,078.68
		STEP B	53.0446	4,243.56	9,194.39	110,332.76
		STEP C	55.6968	4,455.74	9,654.11	115,849.34
		STEP D	58.4816	4,678.52	10,136.81	121,641.72
		STEP E	61.4057	4,912.45	10,643.65	127,723.85
		STEP F	64.4760	5,158.08	11,175.84	134,110.08
		STEP G	67.6998	5,415.98	11,734.63	140,815.58
7142	SR ENGINEER					
		STEP A	43.5792	3,486.33	7,553.72	90,644.73
		STEP B	45.7582	3,660.65	7,931.42	95,177.05
		STEP C	48.0461	3,843.68	8,327.99	99,935.88
		STEP D	50.4485	4,035.88	8,744.40	104,932.88
		STEP E	52.9707	4,237.65	9,181.58	110,179.05
		STEP F	55.6194	4,449.55	9,640.69	115,688.35
		STEP G	58.4003	4,672.02	10,122.71	121,472.62
7161	SR GIS ANALYST					
		STEP A	35.4589	2,836.71	6,146.20	73,754.51
		STEP B	37.2318	2,978.54	6,453.51	77,442.14
		STEP C	39.0934	3,127.47	6,776.18	81,314.27
		STEP D	41.0482	3,283.85	7,115.02	85,380.25
		STEP E	43.1005	3,448.04	7,470.75	89,649.04
		STEP F	45.2556	3,620.44	7,844.30	94,131.64
		STEP G	47.5183	3,801.46	8,236.50	98,838.06
7150	SR HUMAN RESOURCES ANALYST					
		STEP A	39.1848	3,134.78	6,792.03	81,504.38
		STEP B	41.1439	3,291.51	7,131.60	85,579.31
		STEP C	43.2012	3,456.09	7,488.20	89,858.49
		STEP D	45.3611	3,628.88	7,862.59	94,351.08
		STEP E	47.6293	3,810.34	8,255.74	99,068.94
		STEP F	50.0107	4,000.85	8,668.52	104,022.25
		STEP G	52.5111	4,200.88	9,101.92	109,223.08
7194	SR IT ANALYST					
		STEP A	36.9279	2,954.23	6,400.83	76,810.03
		STEP B	38.7743	3,101.94	6,720.87	80,650.54
		STEP C	40.7130	3,257.04	7,056.92	84,683.04
		STEP D	42.7487	3,419.89	7,409.77	88,917.29
		STEP E	44.8861	3,590.88	7,780.25	93,363.08
		STEP F	47.1304	3,770.43	8,169.26	98,031.23
		STEP G	49.4869	3,958.95	8,577.72	102,932.75

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
7180	SR PLANNER					
		STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	43.1942	3,455.53	7,486.99	89,843.93
		STEP C	45.3539	3,628.31	7,861.34	94,336.11
		STEP D	47.6215	3,809.72	8,254.39	99,052.72
		STEP E	50.0027	4,000.21	8,667.13	104,005.61
		STEP F	52.5029	4,200.23	9,100.50	109,206.03
		STEP G	55.1279	4,410.23	9,555.50	114,666.03
7151	SR POWER ENGINEER					
		STEP A	63.4501	5,076.00	10,998.01	131,976.20
		STEP B	66.6226	5,329.80	11,547.91	138,575.00
		STEP C	69.9538	5,596.30	12,125.32	145,503.90
		STEP D	73.4515	5,876.12	12,731.59	152,779.12
		STEP E	77.1240	6,169.92	13,368.16	160,417.92
		STEP F	80.9802	6,478.41	14,036.56	168,438.81
		STEP G	85.0292	6,802.33	14,738.39	176,860.73
5555	SR POWER PLANT ENGINEER					
		STEP A	63.4501	5,076.00	10,998.01	131,976.20
		STEP B	66.6226	5,329.80	11,547.91	138,575.00
		STEP C	69.9538	5,596.30	12,125.32	145,503.90
		STEP D	73.4515	5,876.12	12,731.59	152,779.12
		STEP E	77.1240	6,169.92	13,368.16	160,417.92
		STEP F	80.9802	6,478.41	14,036.56	168,438.81
		STEP G	85.0292	6,802.33	14,738.39	176,860.73
7520	STREET MAINT SUPERINTENDENT					
		STEP A	43.5705	3,485.64	7,552.22	90,626.64
		STEP B	45.7488	3,659.90	7,929.79	95,157.50
		STEP C	48.0362	3,842.89	8,326.27	99,915.29
		STEP D	50.4382	4,035.05	8,742.62	104,911.45
		STEP E	52.9602	4,236.81	9,179.76	110,157.21
		STEP F	55.6083	4,448.66	9,638.77	115,665.26
		STEP G	58.3884	4,671.07	10,120.65	121,447.87
7522	STREET MAINT SUPERVISOR					
		STEP A	33.2846	2,662.76	5,769.33	69,231.96
		STEP B	34.9488	2,795.90	6,057.79	72,693.50
		STEP C	36.6962	2,935.69	6,360.67	76,328.09
		STEP D	38.5310	3,082.48	6,678.70	80,144.48
		STEP E	40.4576	3,236.60	7,012.65	84,151.80
		STEP F	42.4805	3,398.44	7,363.28	88,359.44
		STEP G	44.6045	3,568.36	7,731.44	92,777.36

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
8762	URBAN FORESTER					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	37.3183	2,985.46	6,468.50	77,622.06
		STEP C	39.1844	3,134.75	6,791.96	81,503.55
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90
9047	WATER CONSERVATION ADMINSTR					
		STEP A	39.2069	3,136.55	6,795.86	81,550.35
		STEP B	41.1673	3,293.38	7,135.66	85,627.98
		STEP C	43.2256	3,458.04	7,492.43	89,909.24
		STEP D	45.3869	3,630.95	7,867.06	94,404.75
		STEP E	47.6562	3,812.49	8,260.40	99,124.89
		STEP F	50.0394	4,003.15	8,673.49	104,081.95
		STEP G	52.5411	4,203.28	9,107.12	109,285.48
9084	WATER DISTRIBUTION SUPERVISOR					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	37.3184	2,985.47	6,468.52	77,622.27
		STEP C	39.1845	3,134.76	6,791.98	81,503.76
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90
9085	WATER DISTRIBUTION SUPT					
		STEP A	42.9210	3,433.68	7,439.64	89,275.68
		STEP B	45.7417	3,659.33	7,928.56	95,142.73
		STEP C	48.0288	3,842.30	8,324.99	99,899.90
		STEP D	50.4303	4,034.42	8,741.25	104,895.02
		STEP E	52.9518	4,236.14	9,178.31	110,139.74
		STEP F	55.5995	4,447.96	9,637.24	115,646.96
		STEP G	58.3793	4,670.34	10,119.07	121,428.94
9101	WATER QUALITY LAB SUPERVISOR					
		STEP A	37.3171	2,985.36	6,468.29	77,619.56
		STEP B	39.1829	3,134.63	6,791.70	81,500.43
		STEP C	41.1421	3,291.36	7,131.29	85,575.56
		STEP D	43.1991	3,455.92	7,487.84	89,854.12
		STEP E	45.3592	3,628.73	7,862.26	94,347.13
		STEP F	47.6271	3,810.16	8,255.36	99,064.36
		STEP G	50.0083	4,000.66	8,668.10	104,017.26

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
9175	WATER TRMT PLT CHIEF OPERATOR					
		STEP A	42.6478	3,411.82	7,392.28	88,707.42
		STEP B	44.7803	3,582.42	7,761.91	93,143.02
		STEP C	47.0192	3,761.53	8,149.99	97,799.93
		STEP D	49.3703	3,949.62	8,557.51	102,690.22
		STEP E	51.8386	4,147.08	8,985.35	107,824.28
		STEP F	54.4307	4,354.45	9,434.65	113,215.85
		STEP G	57.1521	4,572.16	9,906.36	118,876.36
9244	WATER UTILITY MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	60.5130	4,841.04	10,488.92	125,867.04
		STEP C	63.5383	5,083.06	11,013.30	132,159.66
		STEP D	66.7154	5,337.23	11,564.00	138,768.03
		STEP E	70.0510	5,604.08	12,142.17	145,706.08
		STEP F	73.5535	5,884.28	12,749.27	152,991.28
		STEP G	77.2312	6,178.49	13,386.74	160,640.89
8980	WSTWTR COLLECTION SUPT					
		STEP A	43.5636	3,485.08	7,551.02	90,612.28
		STEP B	45.7417	3,659.33	7,928.56	95,142.73
		STEP C	48.0288	3,842.30	8,324.99	99,899.90
		STEP D	50.4303	4,034.42	8,741.25	104,895.02
		STEP E	52.9518	4,236.14	9,178.31	110,139.74
		STEP F	55.5995	4,447.96	9,637.24	115,646.96
		STEP G	58.3793	4,670.34	10,119.07	121,428.94
8978	WSTWTR COLLECTION SUPV					
		STEP A	35.5415	2,843.32	6,160.52	73,926.32
		STEP B	37.3184	2,985.47	6,468.52	77,622.27
		STEP C	39.1845	3,134.76	6,791.98	81,503.76
		STEP D	41.1436	3,291.48	7,131.55	85,578.68
		STEP E	43.2009	3,456.07	7,488.15	89,857.87
		STEP F	45.3607	3,628.85	7,862.52	94,350.25
		STEP G	47.6288	3,810.30	8,255.65	99,067.90
9040	WSTWTR TRMT PLT CHIEF OPERATOR					
		STEP A	46.9127	3,753.01	8,131.53	97,578.41
		STEP B	49.2585	3,940.68	8,538.14	102,457.68
		STEP C	51.7211	4,137.68	8,964.99	107,579.88
		STEP D	54.3074	4,344.59	9,413.28	112,959.39
		STEP E	57.0225	4,561.80	9,883.90	118,606.80
		STEP F	59.8738	4,789.90	10,378.12	124,537.50
		STEP G	62.8673	5,029.38	10,897.00	130,763.98

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGMT MANAGEMENT

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
9045	WSTWTR UTILITY MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	60.5130	4,841.04	10,488.92	125,867.04
		STEP C	63.5383	5,083.06	11,013.30	132,159.66
		STEP D	66.7154	5,337.23	11,564.00	138,768.03
		STEP E	70.0510	5,604.08	12,142.17	145,706.08
		STEP F	73.5535	5,884.28	12,749.27	152,991.28
		STEP G	77.2312	6,178.49	13,386.74	160,640.89

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B701	ACCOUNTING SUPERVISOR					
		STEP A	43.6089	3,488.71	7,558.87	90,706.51
		STEP B	44.6858	3,574.86	7,745.53	92,946.46
		STEP C	45.7894	3,663.15	7,936.82	95,241.95
		STEP D	46.9202	3,753.61	8,132.83	97,594.01
		STEP E	48.0790	3,846.32	8,333.69	100,004.32
		STEP F	49.2663	3,941.30	8,539.49	102,473.90
		STEP G	50.4830	4,038.64	8,750.38	105,004.64
		STEP H	51.7297	4,138.37	8,966.48	107,597.77
		STEP I	53.0072	4,240.57	9,187.91	110,254.97
		STEP J	54.3163	4,345.30	9,414.82	112,977.90
		STEP K	55.6577	4,452.61	9,647.33	115,768.01
		STEP L	57.0322	4,562.57	9,885.58	118,626.97
		STEP M	58.4407	4,675.25	10,129.72	121,556.65
B853	ACCOUNTS PAYABLE SUPERVISOR					
		STEP A	41.6088	3,328.70	7,212.19	86,546.30
		STEP B	42.6364	3,410.91	7,390.30	88,683.71
		STEP C	43.6893	3,495.14	7,572.81	90,873.74
		STEP D	44.7683	3,581.46	7,759.83	93,118.06
		STEP E	45.8739	3,669.91	7,951.47	95,417.71
		STEP F	47.0068	3,760.54	8,147.84	97,774.14
		STEP G	48.1677	3,853.41	8,349.06	100,188.81
		STEP H	49.3572	3,948.57	8,555.24	102,662.97
		STEP I	50.5761	4,046.08	8,766.52	105,198.28
		STEP J	51.8252	4,146.01	8,983.03	107,796.41
		STEP K	53.1050	4,248.40	9,204.86	110,458.40
		STEP L	54.4165	4,353.32	9,432.19	113,186.32
		STEP M	55.7604	4,460.83	9,665.13	115,981.63
B702	ADMIN ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	34.7636	2,781.08	6,025.69	72,308.28
		STEP C	35.6221	2,849.76	6,174.49	74,093.96
		STEP D	36.5018	2,920.14	6,326.97	75,923.74
		STEP E	37.4033	2,992.26	6,483.23	77,798.86
		STEP F	38.3270	3,066.16	6,643.34	79,720.16
		STEP G	39.2736	3,141.88	6,807.42	81,689.08
		STEP H	40.2434	3,219.47	6,975.52	83,706.27
		STEP I	41.2373	3,298.98	7,147.79	85,773.58
		STEP J	42.2556	3,380.44	7,324.30	87,891.64
		STEP K	43.2992	3,463.93	7,505.19	90,062.33
		STEP L	44.3686	3,549.48	7,690.55	92,286.68
		STEP M	45.4643	3,637.14	7,880.47	94,565.74

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B703	ADMIN ANALYST II	STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B704	ALTERNATIVE TRANSP ANALYST I	STEP A	34.4335	2,754.68	5,968.47	71,621.68
		STEP B	35.2836	2,822.68	6,115.82	73,389.88
		STEP C	36.1550	2,892.40	6,266.86	75,202.40
		STEP D	37.0479	2,963.83	6,421.63	77,059.63
		STEP E	37.9629	3,037.03	6,580.23	78,962.83
		STEP F	38.9004	3,112.03	6,742.73	80,912.83
		STEP G	39.8611	3,188.88	6,909.25	82,911.08
		STEP H	40.8455	3,267.64	7,079.88	84,958.64
		STEP I	41.8542	3,348.33	7,254.72	87,056.73
		STEP J	42.8878	3,431.02	7,433.88	89,206.62
		STEP K	43.9470	3,515.76	7,617.48	91,409.76
		STEP L	45.0323	3,602.58	7,805.59	93,667.18
		STEP M	46.1444	3,691.55	7,998.36	95,980.35
B705	ALTERNATIVE TRANSP ANALYST II	STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B706	ALTERNATIVE TRANSP MGR					
		STEP A	53.0701	4,245.60	9,198.81	110,385.80
		STEP B	54.3807	4,350.45	9,425.98	113,111.85
		STEP C	55.7237	4,457.89	9,658.77	115,905.29
		STEP D	57.0999	4,567.99	9,897.31	118,767.79
		STEP E	58.5100	4,680.80	10,141.73	121,700.80
		STEP F	59.9550	4,796.40	10,392.20	124,706.40
		STEP G	61.4356	4,914.84	10,648.83	127,786.04
		STEP H	62.9529	5,036.23	10,911.83	130,942.03
		STEP I	64.5075	5,160.60	11,181.30	134,175.60
		STEP J	66.1006	5,288.04	11,457.43	137,489.24
		STEP K	67.7330	5,418.64	11,740.38	140,884.64
		STEP L	69.4058	5,552.46	12,030.33	144,364.06
		STEP M	71.1198	5,689.58	12,327.43	147,929.18
B957	AMI PROJECT MANAGER					
		STEP A	49.7960	3,983.68	8,631.30	103,575.68
		STEP B	51.0258	4,082.06	8,844.47	106,133.66
		STEP C	52.2859	4,182.87	9,062.88	108,754.67
		STEP D	53.5772	4,286.17	9,286.71	111,440.57
		STEP E	54.9003	4,392.02	9,516.05	114,192.62
		STEP F	56.2561	4,500.48	9,751.05	117,012.68
		STEP G	57.6454	4,611.63	9,991.86	119,902.43
		STEP H	59.0691	4,725.52	10,238.64	122,863.72
		STEP I	60.5278	4,842.22	10,491.48	125,897.82
		STEP J	62.0226	4,961.80	10,750.58	129,007.00
		STEP K	63.5543	5,084.34	11,016.07	132,192.94
		STEP L	65.1239	5,209.91	11,288.14	135,457.71
		STEP M	66.7322	5,338.57	11,566.91	138,802.97
B711	ASST CITY ATTORNEY					
		STEP A	78.1635	6,253.08	13,548.34	162,580.08
		STEP B	80.0939	6,407.51	13,882.94	166,595.31
		STEP C	82.0719	6,565.75	14,225.79	170,709.55
		STEP D	84.0987	6,727.89	14,577.10	174,925.29
		STEP E	86.1756	6,894.04	14,937.10	179,245.24
		STEP F	88.3038	7,064.30	15,305.99	183,671.90
		STEP G	90.4846	7,238.76	15,684.00	188,207.96
		STEP H	92.7192	7,417.53	16,071.32	192,855.93
		STEP I	95.0089	7,600.71	16,468.20	197,618.51
		STEP J	97.3553	7,788.42	16,874.91	202,499.02
		STEP K	99.7596	7,980.76	17,291.66	207,499.96
		STEP L	102.2232	8,177.85	17,718.68	212,624.25
		STEP M	104.7477	8,379.81	18,156.26	217,875.21

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B712	ASST CITY CLERK	STEP A	36.4809	2,918.47	6,323.35	75,880.27
		STEP B	37.3814	2,990.51	6,479.44	77,753.31
		STEP C	38.3046	3,064.36	6,639.46	79,673.56
		STEP D	39.2506	3,140.04	6,803.43	81,641.24
		STEP E	40.2199	3,217.59	6,971.44	83,657.39
		STEP F	41.2132	3,297.05	7,143.62	85,723.45
		STEP G	42.2310	3,378.48	7,320.04	87,840.48
		STEP H	43.2739	3,461.91	7,500.80	90,009.71
		STEP I	44.3426	3,547.40	7,686.05	92,232.60
		STEP J	45.4377	3,635.01	7,875.86	94,510.41
		STEP K	46.5598	3,724.78	8,070.36	96,844.38
		STEP L	47.7097	3,816.77	8,269.68	99,236.17
		STEP M	48.8879	3,911.03	8,473.90	101,686.83
B707	ASST CITY MANAGER	STEP A	79.3403	6,347.22	13,752.31	165,027.82
		STEP B	81.2997	6,503.97	14,091.94	169,103.37
		STEP C	83.3075	6,664.60	14,439.96	173,279.60
		STEP D	85.3648	6,829.18	14,796.56	177,558.78
		STEP E	87.4730	6,997.84	15,161.98	181,943.84
		STEP F	89.6332	7,170.65	15,536.42	186,437.05
		STEP G	91.8468	7,347.74	15,920.11	191,041.34
		STEP H	94.1151	7,529.20	16,313.28	195,759.40
		STEP I	96.4393	7,715.14	16,716.14	200,593.74
		STEP J	98.8210	7,905.68	17,128.97	205,547.68
		STEP K	101.2615	8,100.92	17,551.99	210,623.92
		STEP L	103.7622	8,300.97	17,985.44	215,825.37
		STEP M	106.3247	8,505.97	18,429.61	221,155.37
B708	ASST ELEC UTIL DIRECTOR	STEP A	82.4549	6,596.39	14,292.18	171,506.19
		STEP B	84.4912	6,759.29	14,645.14	175,741.69
		STEP C	86.5778	6,926.22	15,006.81	180,081.82
		STEP D	88.7160	7,097.28	15,377.44	184,529.28
		STEP E	90.9069	7,272.55	15,757.19	189,086.35
		STEP F	93.1519	7,452.15	16,146.32	193,755.95
		STEP G	95.4524	7,636.19	16,545.08	198,540.99
		STEP H	97.8097	7,824.77	16,953.68	203,444.17
		STEP I	100.2252	8,018.01	17,372.36	208,468.41
		STEP J	102.7004	8,216.03	17,801.40	213,616.83
		STEP K	105.2367	8,418.93	18,241.02	218,892.33
		STEP L	107.8356	8,626.84	18,691.50	224,298.04
		STEP M	110.4987	8,839.89	19,153.10	229,837.29

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B709	ASST EU DIRECTOR	STEP A	65.0925	5,207.40	11,282.70	135,392.40
		STEP B	66.7000	5,336.00	11,561.33	138,736.00
		STEP C	68.3473	5,467.78	11,846.86	142,162.38
		STEP D	70.0352	5,602.81	12,139.43	145,673.21
		STEP E	71.7647	5,741.17	12,439.21	149,270.57
		STEP F	73.5370	5,882.96	12,746.41	152,956.96
		STEP G	75.3531	6,028.24	13,061.20	156,734.44
		STEP H	77.2140	6,177.12	13,383.76	160,605.12
		STEP I	79.1209	6,329.67	13,714.28	164,571.47
		STEP J	81.0749	6,485.99	14,052.98	168,635.79
		STEP K	83.0771	6,646.16	14,400.03	172,800.36
		STEP L	85.1288	6,810.30	14,755.65	177,067.90
		STEP M	87.2311	6,978.48	15,120.05	181,440.68
B713	ASST FIRE CHIEF	STEP A	62.4844	4,998.75	10,830.62	129,967.55
		STEP B	64.0268	5,122.14	11,097.97	133,175.74
		STEP C	65.6080	5,248.64	11,372.05	136,464.64
		STEP D	67.2283	5,378.26	11,652.90	139,834.86
		STEP E	68.8886	5,511.08	11,940.69	143,288.28
		STEP F	70.5898	5,647.18	12,235.56	146,826.78
		STEP G	72.3331	5,786.64	12,537.73	150,452.84
		STEP H	74.1194	5,929.55	12,847.36	154,168.35
		STEP I	75.9499	6,075.99	13,164.64	157,975.79
		STEP J	77.8256	6,226.04	13,489.77	161,877.24
		STEP K	79.7476	6,379.80	13,822.91	165,875.00
		STEP L	81.7170	6,537.36	14,164.28	169,971.36
		STEP M	83.7351	6,698.80	14,514.08	174,169.00
B845	ASST HUMAN RESOURCES DIRECTOR	STEP A	51.2305	4,098.44	8,879.95	106,559.44
		STEP B	52.4952	4,199.61	9,099.16	109,190.01
		STEP C	53.7916	4,303.32	9,323.87	111,886.52
		STEP D	55.1201	4,409.60	9,554.15	114,649.80
		STEP E	56.4813	4,518.50	9,790.09	117,481.10
		STEP F	57.8761	4,630.08	10,031.85	120,382.28
		STEP G	59.3055	4,744.44	10,279.62	123,355.44
		STEP H	60.7701	4,861.60	10,533.48	126,401.80
		STEP I	62.2708	4,981.66	10,793.60	129,523.26
		STEP J	63.8086	5,104.68	11,060.15	132,721.88
		STEP K	65.3844	5,230.75	11,333.29	135,999.55
		STEP L	66.9992	5,359.93	11,613.19	139,358.33
		STEP M	68.6539	5,492.31	11,900.00	142,800.11

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B710	ASST POLICE CHIEF					
		STEP A	69.3658	5,549.26	12,023.40	144,280.86
		STEP B	71.0781	5,686.24	12,320.20	147,842.44
		STEP C	72.8334	5,826.67	12,624.45	151,493.47
		STEP D	74.6321	5,970.56	12,936.23	155,234.76
		STEP E	76.4752	6,118.01	13,255.70	159,068.41
		STEP F	78.3639	6,269.11	13,583.07	162,996.91
		STEP G	80.2991	6,423.92	13,918.51	167,022.12
		STEP H	82.2822	6,582.57	14,262.24	171,146.97
		STEP I	84.3143	6,745.14	14,614.47	175,373.74
		STEP J	86.3965	6,911.72	14,975.39	179,704.72
		STEP K	88.5301	7,082.40	15,345.21	184,142.60
		STEP L	90.7165	7,257.32	15,724.19	188,690.32
		STEP M	92.9568	7,436.54	16,112.51	193,350.14
B714	BILLING SERVICES MANAGER					
		STEP A	48.7825	3,902.60	8,455.63	101,467.60
		STEP B	49.9872	3,998.97	8,664.44	103,973.37
		STEP C	51.2217	4,097.73	8,878.42	106,541.13
		STEP D	52.4867	4,198.93	9,097.69	109,172.33
		STEP E	53.7829	4,302.63	9,322.36	111,868.43
		STEP F	55.1111	4,408.88	9,552.59	114,631.08
		STEP G	56.4721	4,517.76	9,788.49	117,461.96
		STEP H	57.8668	4,629.34	10,030.24	120,362.94
		STEP I	59.2958	4,743.66	10,277.93	123,335.26
		STEP J	60.7602	4,860.81	10,531.76	126,381.21
		STEP K	62.2607	4,980.85	10,791.85	129,502.25
		STEP L	63.7983	5,103.86	11,058.37	132,700.46
		STEP M	65.3739	5,229.91	11,331.47	135,977.71
B715	BLDG INSPECTION SUPERVISOR					
		STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	42.1528	3,372.22	7,306.48	87,677.82
		STEP C	43.1938	3,455.50	7,486.92	89,843.10
		STEP D	44.2606	3,540.84	7,671.83	92,062.04
		STEP E	45.3536	3,628.28	7,861.29	94,335.48
		STEP F	46.4736	3,717.88	8,055.42	96,665.08
		STEP G	47.6214	3,809.71	8,254.37	99,052.51
		STEP H	48.7974	3,903.79	8,458.21	101,498.59
		STEP I	50.0024	4,000.19	8,667.08	104,004.99
		STEP J	51.2374	4,098.99	8,881.14	106,573.79
		STEP K	52.5027	4,200.21	9,100.46	109,205.61
		STEP L	53.7993	4,303.94	9,325.21	111,902.54
		STEP M	55.1279	4,410.23	9,555.50	114,666.03

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B717	BLDG OFFICIAL	STEP A	52.7262	4,218.09	9,139.20	109,670.49
		STEP B	54.0283	4,322.26	9,364.90	112,378.86
		STEP C	55.3626	4,429.00	9,596.18	115,154.20
		STEP D	56.7299	4,538.39	9,833.18	117,998.19
		STEP E	58.1309	4,650.47	10,076.02	120,912.27
		STEP F	59.5665	4,765.32	10,324.86	123,898.32
		STEP G	61.0375	4,883.00	10,579.83	126,958.00
		STEP H	62.5449	5,003.59	10,841.11	130,093.39
		STEP I	64.0895	5,127.16	11,108.84	133,306.16
		STEP J	65.6723	5,253.78	11,383.19	136,598.38
		STEP K	67.2941	5,383.52	11,664.31	139,971.72
		STEP L	68.9560	5,516.48	11,952.37	143,428.48
		STEP M	70.6589	5,652.71	12,247.54	146,970.51
B718	BUDGET ANALYST I	STEP A	35.1221	2,809.76	6,087.83	73,053.96
		STEP B	35.9890	2,879.12	6,238.09	74,857.12
		STEP C	36.8778	2,950.22	6,392.15	76,705.82
		STEP D	37.7886	3,023.08	6,550.02	78,600.28
		STEP E	38.7218	3,097.74	6,711.77	80,541.34
		STEP F	39.6780	3,174.24	6,877.52	82,530.24
		STEP G	40.6579	3,252.63	7,047.36	84,568.43
		STEP H	41.6620	3,332.96	7,221.41	86,656.96
		STEP I	42.6909	3,415.27	7,399.75	88,797.07
		STEP J	43.7451	3,499.60	7,582.48	90,989.80
		STEP K	44.8255	3,586.04	7,769.75	93,237.04
		STEP L	45.9325	3,674.60	7,961.63	95,539.60
		STEP M	47.0669	3,765.35	8,158.26	97,899.15
B719	BUDGET ANALYST II	STEP A	38.0646	3,045.16	6,597.86	79,174.36
		STEP B	39.0042	3,120.33	6,760.72	81,128.73
		STEP C	39.9675	3,197.40	6,927.70	83,132.40
		STEP D	40.9545	3,276.36	7,098.78	85,185.36
		STEP E	41.9660	3,357.28	7,274.10	87,289.28
		STEP F	43.0023	3,440.18	7,453.73	89,444.78
		STEP G	44.0643	3,525.14	7,637.81	91,653.74
		STEP H	45.1525	3,612.20	7,826.43	93,917.20
		STEP I	46.2676	3,701.40	8,019.71	96,236.60
		STEP J	47.4102	3,792.81	8,217.76	98,613.21
		STEP K	48.5811	3,886.48	8,420.72	101,048.68
		STEP L	49.7808	3,982.46	8,628.67	103,544.06
		STEP M	51.0102	4,080.81	8,841.76	106,101.21

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B720	BUDGET MANAGER	STEP A	48.7825	3,902.60	8,455.63	101,467.60
		STEP B	49.9872	3,998.97	8,664.44	103,973.37
		STEP C	51.2217	4,097.73	8,878.42	106,541.13
		STEP D	52.4867	4,198.93	9,097.69	109,172.33
		STEP E	53.7829	4,302.63	9,322.36	111,868.43
		STEP F	55.1111	4,408.88	9,552.59	114,631.08
		STEP G	56.4721	4,517.76	9,788.49	117,461.96
		STEP H	57.8668	4,629.34	10,030.24	120,362.94
		STEP I	59.2958	4,743.66	10,277.93	123,335.26
		STEP J	60.7602	4,860.81	10,531.76	126,381.21
		STEP K	62.2607	4,980.85	10,791.85	129,502.25
		STEP L	63.7983	5,103.86	11,058.37	132,700.46
		STEP M	65.3739	5,229.91	11,331.47	135,977.71
B723	CHIEF FINANCIAL OFFICER	STEP A	71.8515	5,748.12	12,454.26	149,451.12
		STEP B	73.6252	5,890.01	12,761.70	153,140.41
		STEP C	75.4434	6,035.47	13,076.85	156,922.27
		STEP D	77.3066	6,184.52	13,399.81	160,797.72
		STEP E	79.2158	6,337.26	13,730.73	164,768.86
		STEP F	81.1721	6,493.76	14,069.83	168,837.96
		STEP G	83.1767	6,654.13	14,417.29	173,007.53
		STEP H	85.2308	6,818.46	14,773.33	177,280.06
		STEP I	87.3357	6,986.85	15,138.18	181,658.25
		STEP J	89.4925	7,159.40	15,512.03	186,144.40
		STEP K	91.7026	7,336.20	15,895.11	190,741.40
		STEP L	93.9673	7,517.38	16,287.66	195,451.98
		STEP M	96.2879	7,703.03	16,689.90	200,278.83
B724	CHIEF INFORMATION OFFICER	STEP A	64.6968	5,175.74	11,214.11	134,569.34
		STEP B	66.2946	5,303.56	11,491.06	137,892.76
		STEP C	67.9318	5,434.54	11,774.84	141,298.14
		STEP D	69.6094	5,568.75	12,065.62	144,787.55
		STEP E	71.3285	5,706.28	12,363.60	148,363.28
		STEP F	73.0900	5,847.20	12,668.93	152,027.20
		STEP G	74.8950	5,991.60	12,981.80	155,781.60
		STEP H	76.7446	6,139.56	13,302.39	159,628.76
		STEP I	78.6399	6,291.19	13,630.91	163,570.99
		STEP J	80.5820	6,446.56	13,967.54	167,610.56
		STEP K	82.5721	6,605.76	14,312.49	171,749.96
		STEP L	84.6113	6,768.90	14,665.95	175,991.50
		STEP M	86.7008	6,936.06	15,028.13	180,337.66

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B725	CITY CLERK	STEP A	51.2403	4,099.22	8,881.65	106,579.82
		STEP B	52.5058	4,200.46	9,101.00	109,212.06
		STEP C	53.8024	4,304.19	9,325.74	111,908.99
		STEP D	55.1312	4,410.49	9,556.07	114,672.89
		STEP E	56.4927	4,519.41	9,792.06	117,504.81
		STEP F	57.8878	4,631.02	10,033.88	120,406.62
		STEP G	59.3174	4,745.39	10,281.68	123,380.19
		STEP H	60.7823	4,862.58	10,535.59	126,427.18
		STEP I	62.2834	4,982.67	10,795.78	129,549.47
		STEP J	63.8215	5,105.72	11,062.39	132,748.72
		STEP K	65.3977	5,231.81	11,335.60	136,027.21
		STEP L	67.0127	5,361.01	11,615.53	139,386.41
		STEP M	68.6677	5,493.41	11,902.40	142,828.81
B962	CODE ENFORCEMENT SUPERVISOR	STEP A	38.5450	3,083.60	6,681.13	80,173.60
		STEP B	39.4969	3,159.75	6,846.12	82,153.55
		STEP C	40.4723	3,237.78	7,015.19	84,182.38
		STEP D	41.4718	3,317.74	7,188.44	86,261.34
		STEP E	42.4960	3,399.68	7,365.97	88,391.68
		STEP F	43.5454	3,483.63	7,547.86	90,574.43
		STEP G	44.6208	3,569.66	7,734.27	92,811.26
		STEP H	45.7228	3,657.82	7,925.28	95,103.42
		STEP I	46.8520	3,748.16	8,121.01	97,452.16
		STEP J	48.0090	3,840.72	8,321.56	99,858.72
		STEP K	49.1947	3,935.57	8,527.08	102,324.97
		STEP L	50.4096	4,032.76	8,737.66	104,851.96
		STEP M	51.6545	4,132.36	8,953.44	107,441.36
B852	CONTROLLER	STEP A	51.2216	4,097.72	8,878.41	106,540.92
		STEP B	52.4866	4,198.92	9,097.67	109,172.12
		STEP C	53.7828	4,302.62	9,322.35	111,868.22
		STEP D	55.1110	4,408.88	9,552.57	114,630.88
		STEP E	56.4720	4,517.76	9,788.48	117,461.76
		STEP F	57.8666	4,629.32	10,030.21	120,362.52
		STEP G	59.2957	4,743.65	10,277.92	123,335.05
		STEP H	60.7601	4,860.80	10,531.75	126,381.00
		STEP I	62.2606	4,980.84	10,791.83	129,502.04
		STEP J	63.7982	5,103.85	11,058.35	132,700.25
		STEP K	65.3738	5,229.90	11,331.45	135,977.50
		STEP L	66.9882	5,359.05	11,611.28	139,335.45
		STEP M	68.6426	5,491.40	11,898.05	142,776.60

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B965	DEPT GOVERNMENT RELATIONS SUPV					
		STEP A	44.7823	3,582.58	7,762.26	93,147.18
		STEP B	45.8877	3,671.01	7,953.86	95,446.41
		STEP C	47.0209	3,761.67	8,150.28	97,803.47
		STEP D	48.1822	3,854.57	8,351.58	100,218.97
		STEP E	49.3721	3,949.76	8,557.83	102,693.96
		STEP F	50.5914	4,047.31	8,769.17	105,230.11
		STEP G	51.8408	4,147.26	8,985.73	107,828.86
		STEP H	53.1210	4,249.68	9,207.64	110,491.68
		STEP I	54.4329	4,354.63	9,435.03	113,220.43
		STEP J	55.7772	4,462.17	9,668.04	116,016.57
		STEP K	57.1547	4,572.37	9,906.81	118,881.77
		STEP L	58.5662	4,685.29	10,151.47	121,817.69
		STEP M	60.0125	4,801.00	10,402.16	124,826.00
B728	DEPT PUBLIC INFO OFFICER					
		STEP A	40.6511	3,252.08	7,046.19	84,554.28
		STEP B	41.6550	3,332.40	7,220.20	86,642.40
		STEP C	42.6837	3,414.69	7,398.50	88,782.09
		STEP D	43.7378	3,499.02	7,581.21	90,974.62
		STEP E	44.8180	3,585.44	7,768.45	93,221.44
		STEP F	45.9248	3,673.98	7,960.29	95,523.58
		STEP G	47.0590	3,764.72	8,156.89	97,882.72
		STEP H	48.2211	3,857.68	8,358.32	100,299.88
		STEP I	49.4120	3,952.96	8,564.74	102,776.96
		STEP J	50.6323	4,050.58	8,776.26	105,315.18
		STEP K	51.8827	4,150.61	8,993.00	107,916.01
		STEP L	53.1640	4,253.12	9,215.09	110,581.12
		STEP M	54.4769	4,358.15	9,442.66	113,311.95
B729	DEPUTY CITY ATTORNEY I					
		STEP A	56.1722	4,493.77	9,736.51	116,838.17
		STEP B	57.5594	4,604.75	9,976.96	119,723.55
		STEP C	58.9809	4,718.47	10,223.35	122,680.27
		STEP D	60.4375	4,835.00	10,475.83	125,710.00
		STEP E	61.9300	4,954.40	10,734.53	128,814.40
		STEP F	63.4595	5,076.76	10,999.64	131,995.76
		STEP G	65.0267	5,202.13	11,271.29	135,255.53
		STEP H	66.6326	5,330.60	11,549.65	138,595.80
		STEP I	68.2781	5,462.24	11,834.87	142,018.44
		STEP J	69.9643	5,597.14	12,127.14	145,525.74
		STEP K	71.6922	5,735.37	12,426.64	149,119.77
		STEP L	73.4627	5,877.01	12,733.53	152,802.41
		STEP M	75.2769	6,022.15	13,048.00	156,575.95

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B730	DEPUTY CITY ATTORNEY II					
		STEP A	61.7894	4,943.15	10,710.16	128,521.95
		STEP B	63.3154	5,065.23	10,974.66	131,696.03
		STEP C	64.8790	5,190.32	11,245.69	134,948.32
		STEP D	66.4813	5,318.50	11,523.42	138,281.10
		STEP E	68.1231	5,449.84	11,808.00	141,696.04
		STEP F	69.8054	5,584.43	12,099.60	145,195.23
		STEP G	71.5294	5,722.35	12,398.42	148,781.15
		STEP H	73.2958	5,863.66	12,704.60	152,455.26
		STEP I	75.1060	6,008.48	13,018.37	156,220.48
		STEP J	76.9608	6,156.86	13,339.87	160,078.46
		STEP K	78.8614	6,308.91	13,669.30	164,031.71
		STEP L	80.8090	6,464.72	14,006.89	168,082.72
		STEP M	82.8046	6,624.36	14,352.79	172,233.56
B731	DEPUTY CITY MANAGER					
		STEP A	56.6293	4,530.34	9,815.74	117,788.94
		STEP B	58.0272	4,642.17	10,058.04	120,696.57
		STEP C	59.4603	4,756.82	10,306.45	123,677.42
		STEP D	60.9287	4,874.29	10,560.97	126,731.69
		STEP E	62.4334	4,994.67	10,821.78	129,861.47
		STEP F	63.9752	5,118.01	11,089.03	133,068.41
		STEP G	65.5552	5,244.41	11,362.90	136,354.81
		STEP H	67.1741	5,373.92	11,643.51	139,722.12
		STEP I	68.8331	5,506.64	11,931.07	143,172.84
		STEP J	70.5330	5,642.64	12,225.72	146,708.64
		STEP K	72.2749	5,781.99	12,527.64	150,331.79
		STEP L	74.0598	5,924.78	12,837.03	154,044.38
		STEP M	75.8887	6,071.09	13,154.04	157,848.49
B732	DEVELOPMENT ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	34.7636	2,781.08	6,025.69	72,308.28
		STEP C	35.6221	2,849.76	6,174.49	74,093.96
		STEP D	36.5018	2,920.14	6,326.97	75,923.74
		STEP E	37.4033	2,992.26	6,483.23	77,798.86
		STEP F	38.3270	3,066.16	6,643.34	79,720.16
		STEP G	39.2736	3,141.88	6,807.42	81,689.08
		STEP H	40.2434	3,219.47	6,975.52	83,706.27
		STEP I	41.2373	3,298.98	7,147.79	85,773.58
		STEP J	42.2556	3,380.44	7,324.30	87,891.64
		STEP K	43.2992	3,463.93	7,505.19	90,062.33
		STEP L	44.3686	3,549.48	7,690.55	92,286.68
		STEP M	45.4643	3,637.14	7,880.47	94,565.74

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B733	DEVELOPMENT ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B950	DEVELOPMENT SERVICES ADMINISTR					
		STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	42.1528	3,372.22	7,306.48	87,677.82
		STEP C	43.1938	3,455.50	7,486.92	89,843.10
		STEP D	44.2606	3,540.84	7,671.83	92,062.04
		STEP E	45.3536	3,628.28	7,861.29	94,335.48
		STEP F	46.4736	3,717.88	8,055.42	96,665.08
		STEP G	47.6214	3,809.71	8,254.37	99,052.51
		STEP H	48.7974	3,903.79	8,458.21	101,498.59
		STEP I	50.0024	4,000.19	8,667.08	104,004.99
		STEP J	51.2374	4,098.99	8,881.14	106,573.79
		STEP K	52.5027	4,200.21	9,100.46	109,205.61
		STEP L	53.7993	4,303.94	9,325.21	111,902.54
		STEP M	55.1279	4,410.23	9,555.50	114,666.03
B734	DEVELOPMENT SERVICES DIRECTOR					
		STEP A	71.2748	5,701.98	12,354.29	148,251.58
		STEP B	73.0350	5,842.80	12,659.40	151,912.80
		STEP C	74.8386	5,987.08	12,972.02	155,664.28
		STEP D	76.6869	6,134.95	13,292.39	159,508.75
		STEP E	78.5807	6,286.45	13,620.65	163,447.85
		STEP F	80.5213	6,441.70	13,957.02	167,484.30
		STEP G	82.5099	6,600.79	14,301.71	171,620.59
		STEP H	84.5476	6,763.80	14,654.91	175,859.00
		STEP I	86.6356	6,930.84	15,016.83	180,202.04
		STEP J	88.7751	7,102.00	15,387.68	184,652.20
		STEP K	90.9675	7,277.40	15,767.70	189,212.40
		STEP L	93.2140	7,457.12	16,157.09	193,885.12
		STEP M	95.5160	7,641.28	16,556.10	198,673.28

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B735	DEVELOPMENT SERVICES MANAGER					
		STEP A	48.9515	3,916.12	8,484.92	101,819.12
		STEP B	50.1604	4,012.83	8,694.46	104,333.63
		STEP C	51.3992	4,111.93	8,909.19	106,910.33
		STEP D	52.6685	4,213.48	9,129.20	109,550.48
		STEP E	53.9692	4,317.53	9,354.66	112,255.93
		STEP F	55.3020	4,424.16	9,585.68	115,028.16
		STEP G	56.6678	4,533.42	9,822.41	117,869.02
		STEP H	58.0673	4,645.38	10,065.00	120,779.98
		STEP I	59.5013	4,760.10	10,313.55	123,762.70
		STEP J	60.9707	4,877.65	10,568.25	126,819.05
		STEP K	62.4765	4,998.12	10,829.26	129,951.12
		STEP L	64.0194	5,121.55	11,096.69	133,160.35
		STEP M	65.6004	5,248.03	11,370.73	136,448.83
B736	ECONOMIC DEVELOPMENT DIRECTOR					
		STEP A	65.9539	5,276.31	11,432.00	137,184.11
		STEP B	67.5822	5,406.57	11,714.24	140,570.97
		STEP C	69.2512	5,540.09	12,003.54	144,042.49
		STEP D	70.9614	5,676.91	12,299.97	147,599.71
		STEP E	72.7139	5,817.11	12,603.74	151,244.91
		STEP F	74.5097	5,960.77	12,915.01	154,980.17
		STEP G	76.3498	6,107.98	13,233.96	158,807.58
		STEP H	78.2352	6,258.81	13,560.76	162,729.21
		STEP I	80.1674	6,413.39	13,895.68	166,748.19
		STEP J	82.1471	6,571.76	14,238.83	170,865.96
		STEP K	84.1759	6,734.07	14,590.48	175,085.87
		STEP L	86.2547	6,900.37	14,950.81	179,409.77
		STEP M	88.3848	7,070.78	15,320.03	183,840.38
B964	ECONOMIC DEVELOPMENT SUPV					
		STEP A	45.5612	3,644.89	7,897.27	94,767.29
		STEP B	46.6864	3,734.91	8,092.30	97,107.71
		STEP C	47.8394	3,827.15	8,292.16	99,505.95
		STEP D	49.0208	3,921.66	8,496.93	101,963.26
		STEP E	50.2314	4,018.51	8,706.77	104,481.31
		STEP F	51.4719	4,117.75	8,921.79	107,061.55
		STEP G	52.7431	4,219.44	9,142.13	109,705.64
		STEP H	54.0456	4,323.64	9,367.90	112,414.84
		STEP I	55.3803	4,430.42	9,599.25	115,191.02
		STEP J	56.7480	4,539.84	9,836.32	118,035.84
		STEP K	58.1494	4,651.95	10,079.22	120,950.75
		STEP L	59.5855	4,766.84	10,328.15	123,937.84
		STEP M	61.0570	4,884.56	10,583.21	126,998.56

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B738	ELECTRIC BUSINESS ANALYST I					
		STEP A	42.0974	3,367.79	7,296.88	87,562.59
		STEP B	43.1370	3,450.96	7,477.08	89,724.96
		STEP C	44.2023	3,536.18	7,661.73	91,940.78
		STEP D	45.2939	3,623.51	7,850.94	94,211.31
		STEP E	46.4125	3,713.00	8,044.83	96,538.00
		STEP F	47.5587	3,804.69	8,243.50	98,922.09
		STEP G	48.7332	3,898.65	8,447.08	101,365.05
		STEP H	49.9367	3,994.93	8,655.69	103,868.33
		STEP I	51.1700	4,093.60	8,869.46	106,433.60
		STEP J	52.4337	4,194.69	9,088.50	109,062.09
		STEP K	53.7286	4,298.28	9,312.95	111,755.48
		STEP L	55.0555	4,404.44	9,542.95	114,515.44
		STEP M	56.4151	4,513.20	9,778.61	117,343.40
B739	ELECTRIC BUSINESS ANALYST II					
		STEP A	46.3114	3,704.91	8,027.30	96,327.71
		STEP B	47.4551	3,796.40	8,225.55	98,706.60
		STEP C	48.6270	3,890.16	8,428.68	101,144.16
		STEP D	49.8279	3,986.23	8,636.83	103,642.03
		STEP E	51.0585	4,084.68	8,850.14	106,201.68
		STEP F	52.3194	4,185.55	9,068.69	108,824.35
		STEP G	53.6115	4,288.92	9,292.66	111,511.92
		STEP H	54.9355	4,394.84	9,522.15	114,265.84
		STEP I	56.2922	4,503.37	9,757.31	117,087.77
		STEP J	57.6824	4,614.59	9,998.28	119,979.39
		STEP K	59.1069	4,728.55	10,245.19	122,942.35
		STEP L	60.5666	4,845.32	10,498.21	125,978.52
		STEP M	62.0623	4,964.98	10,757.46	129,089.58
B740	ELECTRIC COMPLIANCE ANALYST					
		STEP A	47.7576	3,820.60	8,277.98	99,335.80
		STEP B	48.9370	3,914.96	8,482.41	101,788.96
		STEP C	50.1456	4,011.64	8,691.90	104,302.84
		STEP D	51.3840	4,110.72	8,906.56	106,878.72
		STEP E	52.6529	4,212.23	9,126.50	109,518.03
		STEP F	53.9533	4,316.26	9,351.90	112,222.86
		STEP G	55.2857	4,422.85	9,582.85	114,994.25
		STEP H	56.6510	4,532.08	9,819.50	117,834.08
		STEP I	58.0501	4,644.00	10,062.01	120,744.20
		STEP J	59.4837	4,758.69	10,310.50	123,726.09
		STEP K	60.9527	4,876.21	10,565.13	126,781.61
		STEP L	62.4580	4,996.64	10,826.05	129,912.64
		STEP M	64.0004	5,120.03	11,093.40	133,120.83

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B941	ELECTRIC CUSTOMR PROGRAMS SUPV					
		STEP A	58.0968	4,647.74	10,070.11	120,841.34
		STEP B	59.5315	4,762.52	10,318.79	123,825.52
		STEP C	61.0017	4,880.13	10,573.62	126,883.53
		STEP D	62.5082	5,000.65	10,834.75	130,017.05
		STEP E	64.0519	5,124.15	11,102.32	133,227.95
		STEP F	65.6337	5,250.69	11,376.50	136,518.09
		STEP G	67.2546	5,380.36	11,657.46	139,889.56
		STEP H	68.9155	5,513.24	11,945.35	143,344.24
		STEP I	70.6175	5,649.40	12,240.36	146,884.40
		STEP J	72.3615	5,788.92	12,542.66	150,511.92
		STEP K	74.1485	5,931.88	12,852.40	154,228.88
		STEP L	75.9797	6,078.37	13,169.81	158,037.77
		STEP M	77.8561	6,228.48	13,495.05	161,940.68
B741	ELECTRIC ENGINEERING TECH SUPV					
		STEP A	50.7599	4,060.79	8,798.38	105,580.59
		STEP B	52.0135	4,161.08	9,015.67	108,188.08
		STEP C	53.2980	4,263.84	9,238.32	110,859.84
		STEP D	54.6142	4,369.13	9,466.46	113,597.53
		STEP E	55.9630	4,477.04	9,700.25	116,403.04
		STEP F	57.3451	4,587.60	9,939.81	119,277.80
		STEP G	58.7613	4,700.90	10,185.29	122,223.50
		STEP H	60.2124	4,816.99	10,436.81	125,241.79
		STEP I	61.6994	4,935.95	10,694.56	128,334.75
		STEP J	63.2232	5,057.85	10,958.68	131,504.25
		STEP K	64.7845	5,182.76	11,229.31	134,751.76
		STEP L	66.3844	5,310.75	11,506.62	138,079.55
		STEP M	68.0239	5,441.91	11,790.80	141,489.71
B743	ELECTRIC OPERATIONS MANAGER					
		STEP A	71.6929	5,735.43	12,426.76	149,121.23
		STEP B	73.4634	5,877.07	12,733.65	152,803.87
		STEP C	75.2776	6,022.20	13,048.11	156,577.40
		STEP D	77.1367	6,170.93	13,370.36	160,444.33
		STEP E	79.0417	6,323.33	13,700.56	164,406.73
		STEP F	80.9937	6,479.49	14,038.90	168,466.89
		STEP G	82.9939	6,639.51	14,385.60	172,627.31
		STEP H	85.0435	6,803.48	14,740.87	176,890.48
		STEP I	87.1437	6,971.49	15,104.90	181,258.89
		STEP J	89.2958	7,143.66	15,477.93	185,735.26
		STEP K	91.5011	7,320.08	15,860.19	190,322.28
		STEP L	93.7608	7,500.86	16,251.87	195,022.46
		STEP M	96.0763	7,686.10	16,653.22	199,838.70

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B945	ELECTRIC OPERATIONS SUPERVISOR					
		STEP A	65.1763	5,214.10	11,297.22	135,566.70
		STEP B	66.7859	5,342.87	11,576.22	138,914.67
		STEP C	68.4353	5,474.82	11,862.11	142,345.42
		STEP D	70.1253	5,610.02	12,155.05	145,860.62
		STEP E	71.8571	5,748.56	12,455.23	149,462.76
		STEP F	73.6317	5,890.53	12,762.82	153,153.93
		STEP G	75.4501	6,036.00	13,078.01	156,936.20
		STEP H	77.3135	6,185.08	13,401.00	160,812.08
		STEP I	79.2228	6,337.82	13,731.95	164,783.42
		STEP J	81.1793	6,494.34	14,071.07	168,852.94
		STEP K	83.1841	6,654.72	14,418.57	173,022.92
		STEP L	85.2384	6,819.07	14,774.65	177,295.87
		STEP M	87.3434	6,987.47	15,139.52	181,674.27
B746	ELECTRIC RESOURCES ANALYST I					
		STEP A	50.3558	4,028.46	8,728.33	104,740.06
		STEP B	51.5994	4,127.95	8,943.89	107,326.75
		STEP C	52.8737	4,229.89	9,164.77	109,977.29
		STEP D	54.1794	4,334.35	9,391.09	112,693.15
		STEP E	55.5174	4,441.39	9,623.01	115,476.19
		STEP F	56.8885	4,551.08	9,860.67	118,328.08
		STEP G	58.2934	4,663.47	10,104.18	121,250.27
		STEP H	59.7330	4,778.64	10,353.72	124,244.64
		STEP I	61.2082	4,896.65	10,609.42	127,313.05
		STEP J	62.7198	5,017.58	10,871.43	130,457.18
		STEP K	64.2687	5,141.49	11,139.90	133,678.89
		STEP L	65.8559	5,268.47	11,415.02	136,980.27
		STEP M	67.4823	5,398.58	11,696.93	140,363.18
B747	ELECTRIC RESOURCES ANALYST II					
		STEP A	55.3913	4,431.30	9,601.15	115,213.90
		STEP B	56.7593	4,540.74	9,838.27	118,059.34
		STEP C	58.1610	4,652.88	10,081.24	120,974.88
		STEP D	59.5974	4,767.79	10,330.21	123,962.59
		STEP E	61.0692	4,885.53	10,585.32	127,023.93
		STEP F	62.5773	5,006.18	10,846.73	130,160.78
		STEP G	64.1228	5,129.82	11,114.61	133,375.42
		STEP H	65.7063	5,256.50	11,389.09	136,669.10
		STEP I	67.3290	5,386.32	11,670.36	140,044.32
		STEP J	68.9918	5,519.34	11,958.57	143,502.94
		STEP K	70.6956	5,655.64	12,253.90	147,046.84
		STEP L	72.4415	5,795.32	12,556.52	150,678.32
		STEP M	74.2305	5,938.44	12,866.62	154,399.44

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B956	ELECTRIC RISK AND COMP SUPV					
		STEP A	60.4563	4,836.50	10,479.09	125,749.10
		STEP B	61.9493	4,955.94	10,737.87	128,854.54
		STEP C	63.4792	5,078.33	11,003.06	132,036.73
		STEP D	65.0469	5,203.75	11,274.79	135,297.55
		STEP E	66.6533	5,332.26	11,553.23	138,638.86
		STEP F	68.2993	5,463.94	11,838.54	142,062.54
		STEP G	69.9861	5,598.88	12,130.92	145,571.08
		STEP H	71.7144	5,737.15	12,430.49	149,165.95
		STEP I	73.4855	5,878.84	12,737.48	152,849.84
		STEP J	75.3003	6,024.02	13,052.05	156,624.62
		STEP K	77.1599	6,172.79	13,374.38	160,492.59
		STEP L	79.0655	6,325.24	13,704.68	164,456.24
		STEP M	81.0181	6,481.44	14,043.13	168,517.64
B750	ELECTRIC SAFETY COORDINATOR					
		STEP A	37.3188	2,985.50	6,468.59	77,623.10
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B751	ELECTRIC SUBSTATION SUPERVISOR					
		STEP A	65.1763	5,214.10	11,297.22	135,566.70
		STEP B	66.7859	5,342.87	11,576.22	138,914.67
		STEP C	68.4353	5,474.82	11,862.11	142,345.42
		STEP D	70.1253	5,610.02	12,155.05	145,860.62
		STEP E	71.8571	5,748.56	12,455.23	149,462.76
		STEP F	73.6317	5,890.53	12,762.82	153,153.93
		STEP G	75.4501	6,036.00	13,078.01	156,936.20
		STEP H	77.3135	6,185.08	13,401.00	160,812.08
		STEP I	79.2228	6,337.82	13,731.95	164,783.42
		STEP J	81.1793	6,494.34	14,071.07	168,852.94
		STEP K	83.1841	6,654.72	14,418.57	173,022.92
		STEP L	85.2384	6,819.07	14,774.65	177,295.87
		STEP M	87.3434	6,987.47	15,139.52	181,674.27

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B752	ELECTRIC TECHNOLOGY SYST SUPV					
		STEP A	53.5606	4,284.84	9,283.83	111,406.04
		STEP B	54.8833	4,390.66	9,513.10	114,157.26
		STEP C	56.2387	4,499.09	9,748.04	116,976.49
		STEP D	57.6276	4,610.20	9,988.78	119,865.40
		STEP E	59.0507	4,724.05	10,235.45	122,825.45
		STEP F	60.5090	4,840.72	10,488.22	125,858.72
		STEP G	62.0034	4,960.27	10,747.25	128,967.07
		STEP H	63.5346	5,082.76	11,012.66	132,151.96
		STEP I	65.1037	5,208.29	11,284.64	135,415.69
		STEP J	66.7115	5,336.92	11,563.32	138,759.92
		STEP K	68.3590	5,468.72	11,848.89	142,186.72
		STEP L	70.0472	5,603.77	12,141.51	145,698.17
		STEP M	71.7771	5,742.16	12,441.36	149,296.36
B753	ELECTRIC UTILITY DIRECTOR					
		STEP A	105.3927	8,431.41	18,268.06	219,216.81
		STEP B	107.9955	8,639.64	18,719.22	224,630.64
		STEP C	110.6625	8,853.00	19,181.50	230,178.00
		STEP D	113.3954	9,071.63	19,655.20	235,862.43
		STEP E	116.1959	9,295.67	20,140.62	241,687.47
		STEP F	119.0654	9,525.23	20,638.00	247,656.03
		STEP G	122.0059	9,760.47	21,147.68	253,772.27
		STEP H	125.0189	10,001.51	21,669.94	260,039.31
		STEP I	128.1064	10,248.51	22,205.10	266,461.31
		STEP J	131.2701	10,501.60	22,753.48	273,041.80
		STEP K	134.5120	10,760.96	23,315.41	279,784.96
		STEP L	137.8339	11,026.71	23,891.20	286,694.51
		STEP M	141.2378	11,299.02	24,481.21	293,774.62
B955	ELECTRIC UTILITY FIN ADMIN					
		STEP A	57.0562	4,564.49	9,889.74	118,676.89
		STEP B	58.4652	4,677.21	10,133.96	121,607.61
		STEP C	59.9091	4,792.72	10,384.24	124,610.92
		STEP D	61.3886	4,911.08	10,640.69	127,688.28
		STEP E	62.9047	5,032.37	10,903.48	130,841.77
		STEP F	64.4582	5,156.65	11,172.75	134,073.05
		STEP G	66.0500	5,284.00	11,448.66	137,384.00
		STEP H	67.6812	5,414.49	11,731.40	140,776.89
		STEP I	69.3527	5,548.21	12,021.13	144,253.61
		STEP J	71.0654	5,685.23	12,318.00	147,816.03
		STEP K	72.8204	5,825.63	12,622.20	151,466.43
		STEP L	74.6188	5,969.50	12,933.92	155,207.10
		STEP M	76.4616	6,116.92	13,253.34	159,040.12

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B754	ELECTRONIC MAINT COORDINATOR					
		STEP A	36.0024	2,880.19	6,240.41	74,884.99
		STEP B	36.8916	2,951.32	6,394.54	76,734.52
		STEP C	37.8026	3,024.20	6,552.45	78,629.40
		STEP D	38.7361	3,098.88	6,714.25	80,571.08
		STEP E	39.6928	3,175.42	6,880.08	82,561.02
		STEP F	40.6730	3,253.84	7,049.98	84,599.84
		STEP G	41.6775	3,334.20	7,224.10	86,689.20
		STEP H	42.7068	3,416.54	7,402.51	88,830.14
		STEP I	43.7615	3,500.92	7,585.32	91,023.92
		STEP J	44.8422	3,587.37	7,772.64	93,271.77
		STEP K	45.9496	3,675.96	7,964.59	95,575.16
		STEP L	47.0844	3,766.75	8,161.29	97,935.55
		STEP M	48.2472	3,859.77	8,362.84	100,354.17
B755	EMS QUAL ASSURANCE COORDINATOR					
		STEP A	46.0955	3,687.64	7,989.88	95,878.64
		STEP B	47.2334	3,778.67	8,187.12	98,245.47
		STEP C	48.3999	3,871.99	8,389.31	100,671.79
		STEP D	49.5953	3,967.62	8,596.51	103,158.22
		STEP E	50.8201	4,065.60	8,808.81	105,705.80
		STEP F	52.0751	4,166.00	9,026.35	108,316.20
		STEP G	53.3611	4,268.88	9,249.25	110,991.08
		STEP H	54.6789	4,374.31	9,477.67	113,732.11
		STEP I	56.0293	4,482.34	9,711.74	116,540.94
		STEP J	57.4130	4,593.04	9,951.58	119,419.04
		STEP K	58.8308	4,706.46	10,197.33	122,368.06
		STEP L	60.2837	4,822.69	10,449.17	125,390.09
		STEP M	61.7725	4,941.80	10,707.23	128,486.80
B939	ENERGY SERVICES ACCOUNT REP I					
		STEP A	41.7524	3,340.19	7,237.08	86,844.99
		STEP B	42.7835	3,422.68	7,415.80	88,989.68
		STEP C	43.8401	3,507.20	7,598.95	91,187.40
		STEP D	44.9228	3,593.82	7,786.61	93,439.42
		STEP E	46.0322	3,682.57	7,978.91	95,746.97
		STEP F	47.1690	3,773.52	8,175.96	98,111.52
		STEP G	48.3339	3,866.71	8,377.87	100,534.51
		STEP H	49.5275	3,962.20	8,584.76	103,017.20
		STEP I	50.7507	4,060.05	8,796.78	105,561.45
		STEP J	52.0040	4,160.32	9,014.02	108,168.32
		STEP K	53.2883	4,263.06	9,236.63	110,839.66
		STEP L	54.6043	4,368.34	9,464.74	113,576.94
		STEP M	55.9528	4,476.22	9,698.48	116,381.82

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B756	ENERGY SERVICES ACCOUNT REP II					
		STEP A	45.9277	3,674.21	7,960.80	95,529.61
		STEP B	47.0620	3,764.96	8,157.41	97,888.96
		STEP C	48.2242	3,857.93	8,358.86	100,306.33
		STEP D	49.4152	3,953.21	8,565.30	102,783.61
		STEP E	50.6355	4,050.84	8,776.82	105,321.84
		STEP F	51.8860	4,150.88	8,993.57	107,922.88
		STEP G	53.1674	4,253.39	9,215.68	110,588.19
		STEP H	54.4804	4,358.43	9,443.26	113,319.23
		STEP I	55.8259	4,466.07	9,676.48	116,117.87
		STEP J	57.2045	4,576.36	9,915.44	118,985.36
		STEP K	58.6173	4,689.38	10,160.33	121,923.98
		STEP L	60.0649	4,805.19	10,411.24	124,934.99
		STEP M	61.5482	4,923.85	10,668.35	128,020.25
B757	ENGINEERING MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	59.0537	4,724.29	10,235.97	122,831.69
		STEP C	60.5121	4,840.96	10,488.76	125,865.16
		STEP D	62.0065	4,960.52	10,747.79	128,973.52
		STEP E	63.5378	5,083.02	11,013.21	132,158.62
		STEP F	65.1070	5,208.56	11,285.21	135,422.56
		STEP G	66.7149	5,337.19	11,563.91	138,766.99
		STEP H	68.3624	5,468.99	11,849.48	142,193.79
		STEP I	70.0507	5,604.05	12,142.12	145,705.45
		STEP J	71.7808	5,742.46	12,442.00	149,304.06
		STEP K	73.5534	5,884.27	12,749.25	152,991.07
		STEP L	75.3699	6,029.59	13,064.11	156,769.39
		STEP M	77.2312	6,178.49	13,386.74	160,640.89
B758	ENVIRONMENTAL COORDINATOR					
		STEP A	42.9167	3,433.33	7,438.89	89,266.73
		STEP B	43.9762	3,518.09	7,622.54	91,470.49
		STEP C	45.0622	3,604.97	7,810.78	93,729.37
		STEP D	46.1751	3,694.00	8,003.68	96,044.20
		STEP E	47.3155	3,785.24	8,201.35	98,416.24
		STEP F	48.4840	3,878.72	8,403.89	100,846.72
		STEP G	49.6812	3,974.49	8,611.40	103,336.89
		STEP H	50.9082	4,072.65	8,824.08	105,889.05
		STEP I	52.1655	4,173.24	9,042.02	108,504.24
		STEP J	53.4537	4,276.29	9,265.30	111,183.69
		STEP K	54.7738	4,381.90	9,494.12	113,929.50
		STEP L	56.1265	4,490.12	9,728.59	116,743.12
		STEP M	57.5126	4,601.00	9,968.85	119,626.20

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B761	ENVIRONMENTAL UTIL COMPL ADMIN					
		STEP A	42.9148	3,433.18	7,438.56	89,262.78
		STEP B	43.9739	3,517.91	7,622.14	91,465.71
		STEP C	45.0599	3,604.79	7,810.38	93,724.59
		STEP D	46.1727	3,693.81	8,003.26	96,039.21
		STEP E	47.3130	3,785.04	8,200.92	98,411.04
		STEP F	48.4814	3,878.51	8,403.44	100,841.31
		STEP G	49.6787	3,974.29	8,610.97	103,331.69
		STEP H	50.9055	4,072.44	8,823.62	105,883.44
		STEP I	52.1628	4,173.02	9,041.55	108,498.62
		STEP J	53.4510	4,276.08	9,264.84	111,178.08
		STEP K	54.7709	4,381.67	9,493.62	113,923.47
		STEP L	56.1236	4,489.88	9,728.09	116,737.08
		STEP M	57.5096	4,600.76	9,968.33	119,619.96
B759	ENVIRONMENTAL UTIL DIRECTOR					
		STEP A	79.0344	6,322.75	13,699.29	164,391.55
		STEP B	80.9862	6,478.89	14,037.60	168,451.29
		STEP C	82.9863	6,638.90	14,384.29	172,611.50
		STEP D	85.0357	6,802.85	14,739.52	176,874.25
		STEP E	87.1358	6,970.86	15,103.53	181,242.46
		STEP F	89.2877	7,143.01	15,476.53	185,718.41
		STEP G	91.4927	7,319.41	15,858.73	190,304.81
		STEP H	93.7522	7,500.17	16,250.38	195,004.57
		STEP I	96.0675	7,685.40	16,651.70	199,820.40
		STEP J	98.4400	7,875.20	17,062.93	204,755.20
		STEP K	100.8711	8,069.68	17,484.32	209,811.88
		STEP L	103.3622	8,268.97	17,916.11	214,993.37
		STEP M	105.9148	8,473.18	18,358.56	220,302.78
B760	EQUIPMENT MAINT SUPERVISOR					
		STEP A	33.3810	2,670.48	5,786.04	69,432.48
		STEP B	34.2054	2,736.43	5,928.93	71,147.23
		STEP C	35.0501	2,804.00	6,075.35	72,904.20
		STEP D	35.9157	2,873.25	6,225.38	74,704.65
		STEP E	36.8027	2,944.21	6,379.13	76,549.61
		STEP F	37.7116	3,016.92	6,536.67	78,440.12
		STEP G	38.6429	3,091.43	6,698.10	80,377.23
		STEP H	39.5972	3,167.77	6,863.51	82,362.17
		STEP I	40.5751	3,246.00	7,033.01	84,396.20
		STEP J	41.5771	3,326.16	7,206.69	86,480.36
		STEP K	42.6039	3,408.31	7,384.67	88,616.11
		STEP L	43.6561	3,492.48	7,567.05	90,804.68
		STEP M	44.7342	3,578.73	7,753.92	93,047.13

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B851	ERP MANAGER					
		STEP A	49.7960	3,983.68	8,631.30	103,575.68
		STEP B	51.0258	4,082.06	8,844.47	106,133.66
		STEP C	52.2859	4,182.87	9,062.88	108,754.67
		STEP D	53.5772	4,286.17	9,286.71	111,440.57
		STEP E	54.9003	4,392.02	9,516.05	114,192.62
		STEP F	56.2561	4,500.48	9,751.05	117,012.68
		STEP G	57.6454	4,611.63	9,991.86	119,902.43
		STEP H	59.0691	4,725.52	10,238.64	122,863.72
		STEP I	60.5278	4,842.22	10,491.48	125,897.82
		STEP J	62.0226	4,961.80	10,750.58	129,007.00
		STEP K	63.5543	5,084.34	11,016.07	132,192.94
		STEP L	65.1239	5,209.91	11,288.14	135,457.71
		STEP M	66.7322	5,338.57	11,566.91	138,802.97
B847	EU BUSINESS SVCS ADMINISTRATOR					
		STEP A	43.7743	3,501.94	7,587.54	91,050.54
		STEP B	44.8548	3,588.38	7,774.83	93,297.98
		STEP C	45.9626	3,677.00	7,966.85	95,602.20
		STEP D	47.0977	3,767.81	8,163.60	97,963.21
		STEP E	48.2608	3,860.86	8,365.20	100,382.46
		STEP F	49.4527	3,956.21	8,571.80	102,861.61
		STEP G	50.6739	4,053.91	8,783.47	105,401.71
		STEP H	51.9253	4,154.02	9,000.38	108,004.62
		STEP I	53.2077	4,256.61	9,222.66	110,672.01
		STEP J	54.5218	4,361.74	9,450.44	113,405.34
		STEP K	55.8683	4,469.46	9,683.83	116,206.06
		STEP L	57.2479	4,579.83	9,922.96	119,075.63
		STEP M	58.6617	4,692.93	10,168.02	122,016.33
B848	EU RATE ANALYST I					
		STEP A	35.1221	2,809.76	6,087.83	73,053.96
		STEP B	35.9890	2,879.12	6,238.09	74,857.12
		STEP C	36.8778	2,950.22	6,392.15	76,705.82
		STEP D	37.7886	3,023.08	6,550.02	78,600.28
		STEP E	38.7218	3,097.74	6,711.77	80,541.34
		STEP F	39.6780	3,174.24	6,877.52	82,530.24
		STEP G	40.6579	3,252.63	7,047.36	84,568.43
		STEP H	41.6620	3,332.96	7,221.41	86,656.96
		STEP I	42.6909	3,415.27	7,399.75	88,797.07
		STEP J	43.7451	3,499.60	7,582.48	90,989.80
		STEP K	44.8255	3,586.04	7,769.75	93,237.04
		STEP L	45.9325	3,674.60	7,961.63	95,539.60
		STEP M	47.0669	3,765.35	8,158.26	97,899.15

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B849	EU RATE ANALYST II	STEP A	38.0646	3,045.16	6,597.86	79,174.36
		STEP B	39.0042	3,120.33	6,760.72	81,128.73
		STEP C	39.9675	3,197.40	6,927.70	83,132.40
		STEP D	40.9545	3,276.36	7,098.78	85,185.36
		STEP E	41.9660	3,357.28	7,274.10	87,289.28
		STEP F	43.0023	3,440.18	7,453.73	89,444.78
		STEP G	44.0643	3,525.14	7,637.81	91,653.74
		STEP H	45.1525	3,612.20	7,826.43	93,917.20
		STEP I	46.2676	3,701.40	8,019.71	96,236.60
		STEP J	47.4102	3,792.81	8,217.76	98,613.21
		STEP K	48.5811	3,886.48	8,420.72	101,048.68
		STEP L	49.7808	3,982.46	8,628.67	103,544.06
		STEP M	51.0102	4,080.81	8,841.76	106,101.21
B762	FACILITIES MANAGER	STEP A	43.5759	3,486.07	7,553.15	90,637.87
		STEP B	44.6520	3,572.16	7,739.68	92,876.16
		STEP C	45.7548	3,660.38	7,930.83	95,169.98
		STEP D	46.8847	3,750.77	8,126.68	97,520.17
		STEP E	48.0426	3,843.40	8,327.38	99,928.60
		STEP F	49.2291	3,938.32	8,533.04	102,396.52
		STEP G	50.4448	4,035.58	8,743.76	104,925.18
		STEP H	51.6906	4,135.24	8,959.70	107,516.44
		STEP I	52.9672	4,237.37	9,180.98	110,171.77
		STEP J	54.2752	4,342.01	9,407.70	112,892.41
		STEP K	55.6156	4,449.24	9,640.03	115,680.44
		STEP L	56.9891	4,559.12	9,878.11	118,537.32
		STEP M	58.3965	4,671.72	10,122.06	121,464.72
B118	FACILITIES SUPERVISOR	STEP A	32.1263	2,570.10	5,568.55	66,822.70
		STEP B	32.9197	2,633.57	5,706.08	68,472.97
		STEP C	33.7326	2,698.60	5,846.98	70,163.80
		STEP D	34.5657	2,765.25	5,991.38	71,896.65
		STEP E	35.4193	2,833.54	6,139.34	73,672.14
		STEP F	36.2941	2,903.52	6,290.97	75,491.72
		STEP G	37.1904	2,975.23	6,446.33	77,356.03
		STEP H	38.1088	3,048.70	6,605.52	79,266.30
		STEP I	39.0500	3,124.00	6,768.66	81,224.00
		STEP J	40.0143	3,201.14	6,935.81	83,229.74
		STEP K	41.0025	3,280.20	7,107.10	85,285.20
		STEP L	42.0151	3,361.20	7,282.61	87,391.40
		STEP M	43.0527	3,444.21	7,462.46	89,549.61

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B764	FINANCE MANAGER	STEP A	48.7825	3,902.60	8,455.63	101,467.60
		STEP B	49.9872	3,998.97	8,664.44	103,973.37
		STEP C	51.2217	4,097.73	8,878.42	106,541.13
		STEP D	52.4867	4,198.93	9,097.69	109,172.33
		STEP E	53.7829	4,302.63	9,322.36	111,868.43
		STEP F	55.1111	4,408.88	9,552.59	114,631.08
		STEP G	56.4721	4,517.76	9,788.49	117,461.96
		STEP H	57.8668	4,629.34	10,030.24	120,362.94
		STEP I	59.2958	4,743.66	10,277.93	123,335.26
		STEP J	60.7602	4,860.81	10,531.76	126,381.21
		STEP K	62.2607	4,980.85	10,791.85	129,502.25
		STEP L	63.7983	5,103.86	11,058.37	132,700.46
		STEP M	65.3739	5,229.91	11,331.47	135,977.71
B765	FINANCE SUPERVISOR	STEP A	37.9208	3,033.66	6,572.93	78,875.26
		STEP B	38.8573	3,108.58	6,735.26	80,823.18
		STEP C	39.8169	3,185.35	6,901.59	82,819.15
		STEP D	40.8002	3,264.01	7,072.03	84,864.41
		STEP E	41.8078	3,344.62	7,246.68	86,960.22
		STEP F	42.8403	3,427.22	7,425.65	89,107.82
		STEP G	43.8983	3,511.86	7,609.03	91,308.46
		STEP H	44.9824	3,598.59	7,796.94	93,563.39
		STEP I	46.0933	3,687.46	7,989.50	95,874.06
		STEP J	47.2316	3,778.52	8,186.81	98,241.72
		STEP K	48.3980	3,871.84	8,388.98	100,667.84
		STEP L	49.5932	3,967.45	8,596.15	103,153.85
		STEP M	50.8180	4,065.44	8,808.45	105,701.44
B766	FIRE BATALLION CHIEF (8HR)	STEP A	52.2184	4,177.47	9,051.18	108,614.27
		STEP B	52.9144	4,233.15	9,171.82	110,061.95
		STEP C	54.2213	4,337.70	9,398.35	112,780.30
		STEP D	55.5603	4,444.82	9,630.45	115,565.42
		STEP E	56.9324	4,554.59	9,868.28	118,419.39
		STEP F	58.3384	4,667.07	10,111.98	121,343.87
		STEP G	59.7791	4,782.32	10,361.71	124,340.52
		STEP H	61.2555	4,900.44	10,617.62	127,411.44
		STEP I	62.7682	5,021.45	10,879.82	130,557.85
		STEP J	64.3183	5,145.46	11,148.50	133,782.06
		STEP K	65.9068	5,272.54	11,423.84	137,086.14
		STEP L	67.5344	5,402.75	11,705.96	140,471.55
		STEP M	69.2022	5,536.17	11,995.04	143,940.57

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B767	FIRE BATTALION CHIEF (24HR)					
		STEP A	36.8854	4,131.16	8,950.85	107,410.28
		STEP B	37.7960	4,233.15	9,171.82	110,061.95
		STEP C	38.7294	4,337.69	9,398.33	112,780.01
		STEP D	39.6859	4,444.82	9,630.44	115,565.34
		STEP E	40.6660	4,554.59	9,868.28	118,419.39
		STEP F	41.6703	4,667.07	10,111.99	121,343.91
		STEP G	42.6993	4,782.32	10,361.69	124,340.36
		STEP H	43.7538	4,900.42	10,617.58	127,411.06
		STEP I	44.8344	5,021.45	10,879.81	130,557.77
		STEP J	45.9416	5,145.45	11,148.49	133,781.93
		STEP K	47.0763	5,272.54	11,423.84	137,086.18
		STEP L	48.2389	5,402.75	11,705.97	140,471.67
		STEP M	49.4301	5,536.17	11,995.03	143,940.45
B768	FIRE CHIEF					
		STEP A	74.2220	5,937.76	12,865.14	154,381.76
		STEP B	76.0541	6,084.32	13,182.71	158,192.52
		STEP C	77.9323	6,234.58	13,508.26	162,099.18
		STEP D	79.8569	6,388.55	13,841.86	166,102.35
		STEP E	81.8291	6,546.32	14,183.71	170,204.52
		STEP F	83.8499	6,707.99	14,533.98	174,407.79
		STEP G	85.9207	6,873.65	14,892.92	178,715.05
		STEP H	88.0426	7,043.40	15,260.71	183,128.60
		STEP I	90.2169	7,217.35	15,637.59	187,651.15
		STEP J	92.4448	7,395.58	16,023.76	192,285.18
		STEP K	94.7279	7,578.23	16,419.50	197,034.03
		STEP L	97.0673	7,765.38	16,825.00	201,899.98
		STEP M	99.4645	7,957.16	17,240.51	206,886.16
B769	FIRE DIVISION CHIEF					
		STEP A	56.8040	4,544.32	9,846.02	118,152.32
		STEP B	58.2061	4,656.48	10,089.05	121,068.68
		STEP C	59.6436	4,771.48	10,338.22	124,058.68
		STEP D	61.1166	4,889.32	10,593.54	127,122.52
		STEP E	62.6259	5,010.07	10,855.15	130,261.87
		STEP F	64.1725	5,133.80	11,123.23	133,478.80
		STEP G	65.7573	5,260.58	11,397.93	136,775.18
		STEP H	67.3812	5,390.49	11,679.40	140,152.89
		STEP I	69.0453	5,523.62	11,967.85	143,614.22
		STEP J	70.7505	5,660.04	12,263.42	147,161.04
		STEP K	72.4977	5,799.81	12,566.26	150,795.21
		STEP L	74.2881	5,943.04	12,876.60	154,519.24
		STEP M	76.1227	6,089.81	13,194.60	158,335.21

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B770	FLEET MANAGER					
		STEP A	43.5759	3,486.07	7,553.15	90,637.87
		STEP B	44.6520	3,572.16	7,739.68	92,876.16
		STEP C	45.7548	3,660.38	7,930.83	95,169.98
		STEP D	46.8847	3,750.77	8,126.68	97,520.17
		STEP E	48.0426	3,843.40	8,327.38	99,928.60
		STEP F	49.2291	3,938.32	8,533.04	102,396.52
		STEP G	50.4448	4,035.58	8,743.76	104,925.18
		STEP H	51.6906	4,135.24	8,959.70	107,516.44
		STEP I	52.9672	4,237.37	9,180.98	110,171.77
		STEP J	54.2752	4,342.01	9,407.70	112,892.41
		STEP K	55.6156	4,449.24	9,640.03	115,680.44
		STEP L	56.9891	4,559.12	9,878.11	118,537.32
		STEP M	58.3965	4,671.72	10,122.06	121,464.72
B771	GOVERNMENT RELATIONS ADMINISTR					
		STEP A	48.9017	3,912.13	8,476.29	101,715.53
		STEP B	50.1093	4,008.74	8,685.61	104,227.34
		STEP C	51.3468	4,107.74	8,900.11	106,801.34
		STEP D	52.6149	4,209.19	9,119.91	109,438.99
		STEP E	53.9143	4,313.14	9,345.14	112,141.74
		STEP F	55.2457	4,419.65	9,575.92	114,911.05
		STEP G	56.6101	4,528.80	9,812.41	117,749.00
		STEP H	58.0081	4,640.64	10,054.73	120,656.84
		STEP I	59.4407	4,755.25	10,303.05	123,636.65
		STEP J	60.9087	4,872.69	10,557.50	126,690.09
		STEP K	62.4129	4,993.03	10,818.23	129,818.83
		STEP L	63.9542	5,116.33	11,085.39	133,024.73
		STEP M	65.5336	5,242.68	11,359.15	136,309.88
B558	GOVERNMENT RELATIONS REP I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	34.7636	2,781.08	6,025.69	72,308.28
		STEP C	35.6221	2,849.76	6,174.49	74,093.96
		STEP D	36.5018	2,920.14	6,326.97	75,923.74
		STEP E	37.4033	2,992.26	6,483.23	77,798.86
		STEP F	38.3270	3,066.16	6,643.34	79,720.16
		STEP G	39.2736	3,141.88	6,807.42	81,689.08
		STEP H	40.2434	3,219.47	6,975.52	83,706.27
		STEP I	41.2373	3,298.98	7,147.79	85,773.58
		STEP J	42.2556	3,380.44	7,324.30	87,891.64
		STEP K	43.2992	3,463.93	7,505.19	90,062.33
		STEP L	44.3686	3,549.48	7,690.55	92,286.68
		STEP M	45.4643	3,637.14	7,880.47	94,565.74

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B559	GOVERNMENT RELATIONS REP II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B844	HOUSING MANAGER					
		STEP A	44.3119	3,544.95	7,680.72	92,168.75
		STEP B	45.4075	3,632.60	7,870.63	94,447.60
		STEP C	46.5289	3,722.31	8,065.00	96,780.11
		STEP D	47.6781	3,814.24	8,264.20	99,170.44
		STEP E	48.8556	3,908.44	8,468.30	101,619.64
		STEP F	50.0620	4,004.96	8,677.41	104,128.96
		STEP G	51.2984	4,103.87	8,891.72	106,700.67
		STEP H	52.5652	4,205.21	9,111.30	109,335.61
		STEP I	53.8633	4,309.06	9,336.30	112,035.66
		STEP J	55.1936	4,415.48	9,566.89	114,802.68
		STEP K	56.5567	4,524.53	9,803.16	117,637.93
		STEP L	57.9533	4,636.26	10,045.23	120,542.86
		STEP M	59.3846	4,750.76	10,293.33	123,519.96
B772	HOUSING SUPERVISOR					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B773	HUMAN RESOURCES ANALYST I					
		STEP A	33.4961	2,679.68	5,805.99	69,671.88
		STEP B	34.3233	2,745.86	5,949.37	71,392.46
		STEP C	35.1710	2,813.68	6,096.30	73,155.68
		STEP D	36.0396	2,883.16	6,246.86	74,962.36
		STEP E	36.9296	2,954.36	6,401.13	76,813.56
		STEP F	37.8416	3,027.32	6,559.21	78,710.52
		STEP G	38.7761	3,102.08	6,721.19	80,654.28
		STEP H	39.7338	3,178.70	6,887.19	82,646.30
		STEP I	40.7150	3,257.20	7,057.26	84,687.20
		STEP J	41.7205	3,337.64	7,231.55	86,778.64
		STEP K	42.7509	3,420.07	7,410.15	88,921.87
		STEP L	43.8066	3,504.52	7,593.14	91,117.72
		STEP M	44.8885	3,591.08	7,780.67	93,368.08
B774	HUMAN RESOURCES ANALYST II					
		STEP A	36.8457	2,947.65	6,386.58	76,639.05
		STEP B	37.7557	3,020.45	6,544.32	78,531.85
		STEP C	38.6881	3,095.04	6,705.93	80,471.24
		STEP D	39.6435	3,171.48	6,871.54	82,458.48
		STEP E	40.6226	3,249.80	7,041.25	84,495.00
		STEP F	41.6258	3,330.06	7,215.13	86,581.66
		STEP G	42.6538	3,412.30	7,393.32	88,719.90
		STEP H	43.7071	3,496.56	7,575.89	90,910.76
		STEP I	44.7865	3,582.92	7,762.99	93,155.92
		STEP J	45.8926	3,671.40	7,954.71	95,456.60
		STEP K	47.0259	3,762.07	8,151.15	97,813.87
		STEP L	48.1873	3,854.98	8,352.46	100,229.58
		STEP M	49.3773	3,950.18	8,558.73	102,704.78
B775	HUMAN RESOURCES DIRECTOR					
		STEP A	65.4062	5,232.49	11,337.07	136,044.89
		STEP B	67.0214	5,361.71	11,617.04	139,404.51
		STEP C	68.6766	5,494.12	11,903.94	142,847.32
		STEP D	70.3726	5,629.80	12,197.91	146,375.00
		STEP E	72.1106	5,768.84	12,499.17	149,990.04
		STEP F	73.8914	5,911.31	12,807.84	153,694.11
		STEP G	75.7162	6,057.29	13,124.14	157,489.69
		STEP H	77.5861	6,206.88	13,448.25	161,379.08
		STEP I	79.5022	6,360.17	13,780.38	165,364.57
		STEP J	81.4656	6,517.24	14,120.70	169,448.44
		STEP K	83.4774	6,678.19	14,469.41	173,632.99
		STEP L	85.5390	6,843.12	14,826.76	177,921.12
		STEP M	87.6515	7,012.12	15,192.92	182,315.12

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B776	HUMAN RESOURCES MANAGER					
		STEP A	42.5017	3,400.13	7,366.96	88,403.53
		STEP B	43.5510	3,484.08	7,548.84	90,586.08
		STEP C	44.6266	3,570.12	7,735.27	92,823.32
		STEP D	45.7286	3,658.28	7,926.29	95,115.48
		STEP E	46.8580	3,748.64	8,122.05	97,464.64
		STEP F	48.0152	3,841.21	8,322.63	99,871.61
		STEP G	49.2010	3,936.08	8,528.17	102,338.08
		STEP H	50.4160	4,033.28	8,738.77	104,865.28
		STEP I	51.6612	4,132.89	8,954.60	107,455.29
		STEP J	52.9370	4,234.96	9,175.74	110,108.96
		STEP K	54.2443	4,339.54	9,402.34	112,828.14
		STEP L	55.5839	4,446.71	9,634.54	115,614.51
		STEP M	56.9566	4,556.52	9,872.47	118,469.72
B777	INFO SECURITY ADMINISTRATOR					
		STEP A	44.1650	3,533.20	7,655.26	91,863.20
		STEP B	45.2557	3,620.45	7,844.32	94,131.85
		STEP C	46.3733	3,709.86	8,038.03	96,456.46
		STEP D	47.5186	3,801.48	8,236.55	98,838.68
		STEP E	48.6921	3,895.36	8,439.96	101,279.56
		STEP F	49.8946	3,991.56	8,648.39	103,780.76
		STEP G	51.1268	4,090.14	8,861.97	106,343.74
		STEP H	52.3894	4,191.15	9,080.82	108,969.95
		STEP I	53.6832	4,294.65	9,305.08	111,661.05
		STEP J	55.0090	4,400.72	9,534.89	114,418.72
		STEP K	56.3675	4,509.40	9,770.36	117,244.40
		STEP L	57.7595	4,620.76	10,011.64	120,139.76
		STEP M	59.1860	4,734.88	10,258.90	123,106.88
B778	INTERPRETIVE SRVCS SUPERVISOR					
		STEP A	31.8553	2,548.42	5,521.58	66,259.02
		STEP B	32.6420	2,611.36	5,657.94	67,895.36
		STEP C	33.4481	2,675.84	5,797.67	69,572.04
		STEP D	34.2742	2,741.93	5,940.86	71,290.33
		STEP E	35.1206	2,809.64	6,087.57	73,050.84
		STEP F	35.9879	2,879.03	6,237.90	74,854.83
		STEP G	36.8768	2,950.14	6,391.97	76,703.74
		STEP H	37.7874	3,022.99	6,549.81	78,597.79
		STEP I	38.7206	3,097.64	6,711.57	80,538.84
		STEP J	39.6769	3,174.15	6,877.32	82,527.95
		STEP K	40.6568	3,252.54	7,047.17	84,566.14
		STEP L	41.6608	3,332.86	7,221.20	86,654.46
		STEP M	42.6897	3,415.17	7,399.54	88,794.57

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B966	IT CLIENT SERVICES SUPERVISOR					
		STEP A	38.7743	3,101.94	6,720.87	80,650.54
		STEP B	39.7314	3,178.51	6,886.77	82,641.31
		STEP C	40.7126	3,257.00	7,056.85	84,682.20
		STEP D	41.7181	3,337.44	7,231.13	86,773.64
		STEP E	42.7484	3,419.87	7,409.72	88,916.67
		STEP F	43.8041	3,504.32	7,592.71	91,112.52
		STEP G	44.8859	3,590.87	7,780.22	93,362.67
		STEP H	45.9944	3,679.55	7,972.36	95,668.35
		STEP I	47.1302	3,770.41	8,169.23	98,030.81
		STEP J	48.2942	3,863.53	8,370.99	100,451.93
		STEP K	49.4868	3,958.94	8,577.71	102,932.54
		STEP L	50.7090	4,056.72	8,789.56	105,474.72
		STEP M	51.9613	4,156.90	9,006.62	108,079.50
B779	IT DIVISION MANAGER					
		STEP A	47.7034	3,816.27	8,268.58	99,223.07
		STEP B	48.8815	3,910.52	8,472.79	101,673.52
		STEP C	50.0887	4,007.09	8,682.04	104,184.49
		STEP D	51.3257	4,106.05	8,896.45	106,757.45
		STEP E	52.5932	4,207.45	9,116.15	109,393.85
		STEP F	53.8920	4,311.36	9,341.28	112,095.36
		STEP G	55.2230	4,417.84	9,571.98	114,863.84
		STEP H	56.5868	4,526.94	9,808.37	117,700.54
		STEP I	57.9842	4,638.73	10,050.59	120,607.13
		STEP J	59.4162	4,753.29	10,298.80	123,585.69
		STEP K	60.8835	4,870.68	10,553.14	126,637.68
		STEP L	62.3871	4,990.96	10,813.76	129,765.16
		STEP M	63.9278	5,114.22	11,080.81	132,969.82
B781	IT PROGRAM MANAGER					
		STEP A	43.3683	3,469.46	7,517.17	90,206.06
		STEP B	44.4394	3,555.15	7,702.82	92,433.95
		STEP C	45.5368	3,642.94	7,893.04	94,716.54
		STEP D	46.6614	3,732.91	8,087.97	97,055.71
		STEP E	47.8138	3,825.10	8,287.72	99,452.70
		STEP F	48.9946	3,919.56	8,492.39	101,908.76
		STEP G	50.2045	4,016.36	8,702.11	104,425.36
		STEP H	51.4444	4,115.55	8,917.02	107,004.35
		STEP I	52.7149	4,217.19	9,137.24	109,646.99
		STEP J	54.0167	4,321.33	9,362.89	112,354.73
		STEP K	55.3507	4,428.05	9,594.12	115,129.45
		STEP L	56.7176	4,537.40	9,831.05	117,972.60
		STEP M	58.1183	4,649.46	10,073.83	120,886.06

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B782	KEY ACCOUNTS REPRESENTATIVE					
		STEP A	50.5181	4,041.44	8,756.47	105,077.64
		STEP B	51.7657	4,141.25	8,972.72	107,672.65
		STEP C	53.0441	4,243.52	9,194.31	110,331.72
		STEP D	54.3541	4,348.32	9,421.37	113,056.52
		STEP E	55.6964	4,455.71	9,654.04	115,848.51
		STEP F	57.0719	4,565.75	9,892.46	118,709.55
		STEP G	58.4813	4,678.50	10,136.75	121,641.10
		STEP H	59.9256	4,794.04	10,387.10	124,645.24
		STEP I	61.4055	4,912.44	10,643.62	127,723.44
		STEP J	62.9220	5,033.76	10,906.48	130,877.76
		STEP K	64.4759	5,158.07	11,175.82	134,109.87
		STEP L	66.0682	5,285.45	11,451.82	137,421.85
		STEP M	67.6998	5,415.98	11,734.63	140,815.58
B784	MANAGEMENT ANALYST					
		STEP A	39.1848	3,134.78	6,792.03	81,504.38
		STEP B	40.1519	3,212.15	6,959.66	83,515.95
		STEP C	41.1434	3,291.47	7,131.52	85,578.27
		STEP D	42.1596	3,372.76	7,307.66	87,691.96
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	44.2676	3,541.40	7,673.05	92,076.60
		STEP G	45.3608	3,628.86	7,862.53	94,350.46
		STEP H	46.4811	3,718.48	8,056.72	96,680.68
		STEP I	47.6290	3,810.32	8,255.69	99,068.32
		STEP J	48.8053	3,904.42	8,459.58	101,515.02
		STEP K	50.0105	4,000.84	8,668.48	104,021.84
		STEP L	51.2456	4,099.64	8,882.57	106,590.84
		STEP M	52.5111	4,200.88	9,101.92	109,223.08
B788	PARK DEVELOPMENT ANALYST I					
		STEP A	33.9261	2,714.08	5,880.52	70,566.28
		STEP B	34.7636	2,781.08	6,025.69	72,308.28
		STEP C	35.6221	2,849.76	6,174.49	74,093.96
		STEP D	36.5018	2,920.14	6,326.97	75,923.74
		STEP E	37.4033	2,992.26	6,483.23	77,798.86
		STEP F	38.3270	3,066.16	6,643.34	79,720.16
		STEP G	39.2736	3,141.88	6,807.42	81,689.08
		STEP H	40.2434	3,219.47	6,975.52	83,706.27
		STEP I	41.2373	3,298.98	7,147.79	85,773.58
		STEP J	42.2556	3,380.44	7,324.30	87,891.64
		STEP K	43.2992	3,463.93	7,505.19	90,062.33
		STEP L	44.3686	3,549.48	7,690.55	92,286.68
		STEP M	45.4643	3,637.14	7,880.47	94,565.74

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B789	PARK DEVELOPMENT ANALYST II					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B790	PARK PLANNING & DEVELOPMT SUPT					
		STEP A	39.4094	3,152.75	6,830.96	81,971.55
		STEP B	40.3827	3,230.61	6,999.66	83,996.01
		STEP C	41.3800	3,310.40	7,172.53	86,070.40
		STEP D	42.4019	3,392.15	7,349.66	88,195.95
		STEP E	43.4490	3,475.92	7,531.16	90,373.92
		STEP F	44.5221	3,561.76	7,717.16	92,605.96
		STEP G	45.6216	3,649.72	7,907.74	94,892.92
		STEP H	46.7482	3,739.85	8,103.02	97,236.25
		STEP I	47.9027	3,832.21	8,303.13	99,637.61
		STEP J	49.0857	3,926.85	8,508.18	102,098.25
		STEP K	50.2980	4,023.84	8,718.32	104,619.84
		STEP L	51.5401	4,123.20	8,933.61	107,203.40
		STEP M	52.8130	4,225.04	9,154.25	109,851.04
B792	PARKS SUPERVISOR					
		STEP A	30.6088	2,448.70	5,305.52	63,666.30
		STEP B	31.3648	2,509.18	5,436.56	65,238.78
		STEP C	32.1393	2,571.14	5,570.81	66,849.74
		STEP D	32.9331	2,634.64	5,708.40	68,500.84
		STEP E	33.7464	2,699.71	5,849.37	70,192.51
		STEP F	34.5798	2,766.38	5,993.83	71,925.98
		STEP G	35.4338	2,834.70	6,141.85	73,702.30
		STEP H	36.3088	2,904.70	6,293.52	75,522.30
		STEP I	37.2055	2,976.44	6,448.95	77,387.44
		STEP J	38.1243	3,049.94	6,608.21	79,298.54
		STEP K	39.0659	3,125.27	6,771.42	81,257.07
		STEP L	40.0306	3,202.44	6,938.63	83,263.64
		STEP M	41.0192	3,281.53	7,109.99	85,319.93

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B794	PARKS,REC & LIBRARIES DIRECTOR					
		STEP A	70.6171	5,649.36	12,240.29	146,883.56
		STEP B	72.3611	5,788.88	12,542.59	150,511.08
		STEP C	74.1481	5,931.84	12,852.33	154,228.04
		STEP D	75.9793	6,078.34	13,169.74	158,036.94
		STEP E	77.8556	6,228.44	13,494.97	161,939.64
		STEP F	79.7784	6,382.27	13,828.25	165,939.07
		STEP G	81.7486	6,539.88	14,169.75	170,037.08
		STEP H	83.7674	6,701.39	14,519.68	174,236.19
		STEP I	85.8361	6,866.88	14,878.25	178,539.08
		STEP J	87.9560	7,036.48	15,245.70	182,948.48
		STEP K	90.1281	7,210.24	15,622.20	187,466.44
		STEP L	92.3539	7,388.31	16,008.00	192,096.11
		STEP M	94.6347	7,570.77	16,403.34	196,840.17
B971	PARKS,REC&LIB MANAGER					
		STEP A	47.3138	3,785.10	8,201.05	98,412.70
		STEP B	48.4823	3,878.58	8,403.59	100,843.18
		STEP C	49.6796	3,974.36	8,611.13	103,333.56
		STEP D	50.9065	4,072.52	8,823.79	105,885.52
		STEP E	52.1636	4,173.08	9,041.69	108,500.28
		STEP F	53.4519	4,276.15	9,265.00	111,179.95
		STEP G	54.7719	4,381.75	9,493.79	113,925.55
		STEP H	56.1246	4,489.96	9,728.26	116,739.16
		STEP I	57.5106	4,600.84	9,968.50	119,622.04
		STEP J	58.9309	4,714.47	10,214.68	122,576.27
		STEP K	60.3863	4,830.90	10,466.95	125,603.50
		STEP L	61.8776	4,950.20	10,725.45	128,705.40
		STEP M	63.4057	5,072.45	10,990.32	131,883.85
B970	PARKS,REC&LIB SUPERINTENDENT					
		STEP A	39.4094	3,152.75	6,830.96	81,971.55
		STEP B	40.3827	3,230.61	6,999.66	83,996.01
		STEP C	41.3800	3,310.40	7,172.53	86,070.40
		STEP D	42.4019	3,392.15	7,349.66	88,195.95
		STEP E	43.4490	3,475.92	7,531.16	90,373.92
		STEP F	44.5221	3,561.76	7,717.16	92,605.96
		STEP G	45.6216	3,649.72	7,907.74	94,892.92
		STEP H	46.7482	3,739.85	8,103.02	97,236.25
		STEP I	47.9027	3,832.21	8,303.13	99,637.61
		STEP J	49.0857	3,926.85	8,508.18	102,098.25
		STEP K	50.2980	4,023.84	8,718.32	104,619.84
		STEP L	51.5401	4,123.20	8,933.61	107,203.40
		STEP M	52.8130	4,225.04	9,154.25	109,851.04

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B854	PAYROLL SUPERVISOR					
		STEP A	41.6088	3,328.70	7,212.19	86,546.30
		STEP B	42.6364	3,410.91	7,390.30	88,683.71
		STEP C	43.6893	3,495.14	7,572.81	90,873.74
		STEP D	44.7683	3,581.46	7,759.83	93,118.06
		STEP E	45.8739	3,669.91	7,951.47	95,417.71
		STEP F	47.0068	3,760.54	8,147.84	97,774.14
		STEP G	48.1677	3,853.41	8,349.06	100,188.81
		STEP H	49.3572	3,948.57	8,555.24	102,662.97
		STEP I	50.5761	4,046.08	8,766.52	105,198.28
		STEP J	51.8252	4,146.01	8,983.03	107,796.41
		STEP K	53.1050	4,248.40	9,204.86	110,458.40
		STEP L	54.4165	4,353.32	9,432.19	113,186.32
		STEP M	55.7604	4,460.83	9,665.13	115,981.63
B958	PERMITS SUPERVISOR					
		STEP A	37.3189	2,985.51	6,468.60	77,623.31
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B795	PLANNING MANAGER					
		STEP A	56.6293	4,530.34	9,815.74	117,788.94
		STEP B	58.0272	4,642.17	10,058.04	120,696.57
		STEP C	59.4603	4,756.82	10,306.45	123,677.42
		STEP D	60.9287	4,874.29	10,560.97	126,731.69
		STEP E	62.4334	4,994.67	10,821.78	129,861.47
		STEP F	63.9752	5,118.01	11,089.03	133,068.41
		STEP G	65.5552	5,244.41	11,362.90	136,354.81
		STEP H	67.1741	5,373.92	11,643.51	139,722.12
		STEP I	68.8331	5,506.64	11,931.07	143,172.84
		STEP J	70.5330	5,642.64	12,225.72	146,708.64
		STEP K	72.2749	5,781.99	12,527.64	150,331.79
		STEP L	74.0598	5,924.78	12,837.03	154,044.38
		STEP M	75.8887	6,071.09	13,154.04	157,848.49

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B796	POLICE CAPTAIN	STEP A	62.2649	4,981.19	10,792.58	129,510.99
		STEP B	63.8026	5,104.20	11,059.11	132,709.40
		STEP C	65.3783	5,230.26	11,332.23	135,986.86
		STEP D	66.9928	5,359.42	11,612.08	139,345.02
		STEP E	68.6473	5,491.78	11,898.86	142,786.38
		STEP F	70.3426	5,627.40	12,192.71	146,312.60
		STEP G	72.0798	5,766.38	12,493.83	149,925.98
		STEP H	73.8599	5,908.79	12,802.38	153,628.59
		STEP I	75.6839	6,054.71	13,118.54	157,422.51
		STEP J	77.5530	6,204.24	13,442.52	161,310.24
		STEP K	79.4683	6,357.46	13,774.50	165,294.06
		STEP L	81.4308	6,514.46	14,114.67	169,376.06
		STEP M	83.4418	6,675.34	14,463.24	173,558.94
B797	POLICE CHIEF	STEP A	82.6965	6,615.72	14,334.06	172,008.72
		STEP B	84.7388	6,779.10	14,688.05	176,256.70
		STEP C	86.8315	6,946.52	15,050.79	180,609.52
		STEP D	88.9759	7,118.07	15,422.48	185,069.87
		STEP E	91.1733	7,293.86	15,803.37	189,640.46
		STEP F	93.4249	7,473.99	16,193.64	194,323.79
		STEP G	95.7321	7,658.56	16,593.56	199,122.76
		STEP H	98.0963	7,847.70	17,003.35	204,040.30
		STEP I	100.5189	8,041.51	17,423.27	209,079.31
		STEP J	103.0013	8,240.10	17,853.55	214,242.70
		STEP K	105.5450	8,443.60	18,294.46	219,533.60
		STEP L	108.1515	8,652.12	18,746.26	224,955.12
		STEP M	110.8225	8,865.80	19,209.23	230,510.80
B798	POLICE LIEUTENANT	STEP A	54.7527	4,380.21	9,490.46	113,885.61
		STEP B	56.1043	4,488.34	9,724.74	116,696.94
		STEP C	57.4899	4,599.19	9,964.91	119,578.99
		STEP D	58.9096	4,712.76	10,211.00	122,531.96
		STEP E	60.3645	4,829.16	10,463.18	125,558.16
		STEP F	61.8552	4,948.41	10,721.56	128,658.81
		STEP G	63.3828	5,070.62	10,986.35	131,836.22
		STEP H	64.9481	5,195.84	11,257.67	135,092.04
		STEP I	66.5521	5,324.16	11,535.69	138,428.36
		STEP J	68.1956	5,455.64	11,820.57	141,846.84
		STEP K	69.8798	5,590.38	12,112.49	145,349.98
		STEP L	71.6055	5,728.44	12,411.62	148,939.44
		STEP M	73.3739	5,869.91	12,718.14	152,617.71

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B799	POLICE SERVICES ADMINISTRATOR					
		STEP A	44.4131	3,553.04	7,698.27	92,379.24
		STEP B	45.5099	3,640.79	7,888.38	94,660.59
		STEP C	46.6339	3,730.71	8,083.20	96,998.51
		STEP D	47.7855	3,822.84	8,282.82	99,393.84
		STEP E	48.9656	3,917.24	8,487.37	101,848.44
		STEP F	50.1749	4,013.99	8,696.98	104,363.79
		STEP G	51.4140	4,113.12	8,911.76	106,941.12
		STEP H	52.6837	4,214.69	9,131.84	109,582.09
		STEP I	53.9848	4,318.78	9,357.36	112,288.38
		STEP J	55.3180	4,425.44	9,588.45	115,061.44
		STEP K	56.6841	4,534.72	9,825.24	117,902.92
		STEP L	58.0840	4,646.72	10,067.89	120,814.72
		STEP M	59.5185	4,761.48	10,316.54	123,798.48
B800	POLICE SOCIAL SVCS ADMINSTR					
		STEP A	44.7824	3,582.59	7,762.28	93,147.39
		STEP B	45.8878	3,671.02	7,953.88	95,446.62
		STEP C	47.0210	3,761.68	8,150.30	97,803.68
		STEP D	48.1821	3,854.56	8,351.56	100,218.76
		STEP E	49.3721	3,949.76	8,557.83	102,693.96
		STEP F	50.5914	4,047.31	8,769.17	105,230.11
		STEP G	51.8408	4,147.26	8,985.73	107,828.86
		STEP H	53.1211	4,249.68	9,207.65	110,491.88
		STEP I	54.4329	4,354.63	9,435.03	113,220.43
		STEP J	55.7772	4,462.17	9,668.04	116,016.57
		STEP K	57.1547	4,572.37	9,906.81	118,881.77
		STEP L	58.5662	4,685.29	10,151.47	121,817.69
		STEP M	60.0125	4,801.00	10,402.16	124,826.00
B801	POWER ENGINEERING MANAGER					
		STEP A	71.6929	5,735.43	12,426.76	149,121.23
		STEP B	73.4634	5,877.07	12,733.65	152,803.87
		STEP C	75.2776	6,022.20	13,048.11	156,577.40
		STEP D	77.1367	6,170.93	13,370.36	160,444.33
		STEP E	79.0417	6,323.33	13,700.56	164,406.73
		STEP F	80.9937	6,479.49	14,038.90	168,466.89
		STEP G	82.9939	6,639.51	14,385.60	172,627.31
		STEP H	85.0435	6,803.48	14,740.87	176,890.48
		STEP I	87.1437	6,971.49	15,104.90	181,258.89
		STEP J	89.2958	7,143.66	15,477.93	185,735.26
		STEP K	91.5011	7,320.08	15,860.19	190,322.28
		STEP L	93.7608	7,500.86	16,251.87	195,022.46
		STEP M	96.0763	7,686.10	16,653.22	199,838.70

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B802	POWER GENERATION SUPERTINDENT					
		STEP A	66.4305	5,314.44	11,514.62	138,175.44
		STEP B	68.0711	5,445.68	11,798.99	141,587.88
		STEP C	69.7522	5,580.17	12,090.38	145,084.57
		STEP D	71.4748	5,717.98	12,388.96	148,667.58
		STEP E	73.2399	5,859.19	12,694.91	152,338.99
		STEP F	75.0486	6,003.88	13,008.42	156,101.08
		STEP G	76.9020	6,152.16	13,329.68	159,956.16
		STEP H	78.8012	6,304.09	13,658.87	163,906.49
		STEP I	80.7473	6,459.78	13,996.19	167,954.38
		STEP J	82.7414	6,619.31	14,341.84	172,102.11
		STEP K	84.7848	6,782.78	14,696.03	176,352.38
		STEP L	86.8787	6,950.29	15,058.97	180,707.69
		STEP M	89.0242	7,121.93	15,430.86	185,170.33
B803	POWER PLANT OPS & MAINT SUPV					
		STEP A	63.2625	5,061.00	10,965.50	131,586.00
		STEP B	64.8248	5,185.98	11,236.29	134,835.58
		STEP C	66.4257	5,314.05	11,513.78	138,165.45
		STEP D	68.0662	5,445.29	11,798.14	141,577.69
		STEP E	69.7471	5,579.76	12,089.49	145,073.96
		STEP F	71.4696	5,717.56	12,388.06	148,656.76
		STEP G	73.2346	5,858.76	12,694.00	152,327.96
		STEP H	75.0432	6,003.45	13,007.48	156,089.85
		STEP I	76.8965	6,151.72	13,328.72	159,944.72
		STEP J	78.7955	6,303.64	13,657.88	163,894.64
		STEP K	80.7415	6,459.32	13,995.19	167,942.32
		STEP L	82.7354	6,618.83	14,340.80	172,089.63
		STEP M	84.7787	6,782.29	14,694.97	176,339.69
B804	POWER SUPPLY & PORTFOLIO ADMST					
		STEP A	68.7240	5,497.92	11,912.16	142,945.92
		STEP B	70.4212	5,633.69	12,206.34	146,476.09
		STEP C	72.1604	5,772.83	12,507.80	150,093.63
		STEP D	73.9424	5,915.39	12,816.68	153,800.19
		STEP E	75.7685	6,061.48	13,133.20	157,598.48
		STEP F	77.6397	6,211.17	13,457.54	161,490.57
		STEP G	79.5571	6,364.56	13,789.89	165,478.76
		STEP H	81.5218	6,521.74	14,130.44	169,565.34
		STEP I	83.5351	6,682.80	14,479.41	173,753.00
		STEP J	85.5981	6,847.84	14,837.00	178,044.04
		STEP K	87.7120	7,016.96	15,203.41	182,440.96
		STEP L	89.8781	7,190.24	15,578.87	186,946.44
		STEP M	92.0978	7,367.82	15,963.61	191,563.42

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B805	PREVENTATIVE MAINT SUPERVISOR					
		STEP A	45.7662	3,661.29	7,932.80	95,193.69
		STEP B	46.8964	3,751.71	8,128.70	97,544.51
		STEP C	48.0546	3,844.36	8,329.46	99,953.56
		STEP D	49.2413	3,939.30	8,535.15	102,421.90
		STEP E	50.4574	4,036.59	8,745.94	104,951.39
		STEP F	51.7035	4,136.28	8,961.94	107,543.28
		STEP G	52.9804	4,238.43	9,183.26	110,199.23
		STEP H	54.2888	4,343.10	9,410.05	112,920.70
		STEP I	55.6295	4,450.36	9,642.44	115,709.36
		STEP J	57.0033	4,560.26	9,880.57	118,566.86
		STEP K	58.4110	4,672.88	10,124.57	121,494.88
		STEP L	59.8536	4,788.28	10,374.62	124,495.48
		STEP M	61.3317	4,906.53	10,630.82	127,569.93
B806	PRINCIPAL ENGINEER					
		STEP A	51.2263	4,098.10	8,879.22	106,550.70
		STEP B	52.4907	4,199.25	9,098.38	109,180.65
		STEP C	53.7870	4,302.96	9,323.08	111,876.96
		STEP D	55.1154	4,409.23	9,553.33	114,640.03
		STEP E	56.4765	4,518.12	9,789.26	117,471.12
		STEP F	57.8712	4,629.69	10,031.00	120,372.09
		STEP G	59.3005	4,744.04	10,278.75	123,345.04
		STEP H	60.7650	4,861.20	10,532.60	126,391.20
		STEP I	62.2656	4,981.24	10,792.70	129,512.44
		STEP J	63.8032	5,104.25	11,059.22	132,710.65
		STEP K	65.3789	5,230.31	11,332.34	135,988.11
		STEP L	66.9936	5,359.48	11,612.22	139,346.68
		STEP M	68.6480	5,491.84	11,898.98	142,787.84
B807	PRINCIPAL PLANNER					
		STEP A	47.3068	3,784.54	8,199.84	98,398.14
		STEP B	48.4746	3,877.96	8,402.26	100,827.16
		STEP C	49.6717	3,973.73	8,609.76	103,317.13
		STEP D	50.8984	4,071.87	8,822.38	105,868.67
		STEP E	52.1554	4,172.43	9,040.26	108,483.23
		STEP F	53.4434	4,275.47	9,263.52	111,162.27
		STEP G	54.7633	4,381.06	9,492.30	113,907.66
		STEP H	56.1157	4,489.25	9,726.72	116,720.65
		STEP I	57.5015	4,600.12	9,966.92	119,603.12
		STEP J	58.9216	4,713.72	10,213.07	122,556.92
		STEP K	60.3767	4,830.13	10,465.29	125,583.53
		STEP L	61.8678	4,949.42	10,723.75	128,685.02
		STEP M	63.3957	5,071.65	10,988.58	131,863.05

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B808	PUB AFFAIRS&COMMUNICAT ADMNSTR					
		STEP A	44.7824	3,582.59	7,762.28	93,147.39
		STEP B	45.8878	3,671.02	7,953.88	95,446.62
		STEP C	47.0210	3,761.68	8,150.30	97,803.68
		STEP D	48.1821	3,854.56	8,351.56	100,218.76
		STEP E	49.3721	3,949.76	8,557.83	102,693.96
		STEP F	50.5914	4,047.31	8,769.17	105,230.11
		STEP G	51.8408	4,147.26	8,985.73	107,828.86
		STEP H	53.1211	4,249.68	9,207.65	110,491.88
		STEP I	54.4329	4,354.63	9,435.03	113,220.43
		STEP J	55.7772	4,462.17	9,668.04	116,016.57
		STEP K	57.1547	4,572.37	9,906.81	118,881.77
		STEP L	58.5662	4,685.29	10,151.47	121,817.69
		STEP M	60.0125	4,801.00	10,402.16	124,826.00
B809	PUBLIC AFFAIRS&COMMNCT DIRECTOR					
		STEP A	56.6292	4,530.33	9,815.72	117,788.73
		STEP B	58.0272	4,642.17	10,058.04	120,696.57
		STEP C	59.4602	4,756.81	10,306.43	123,677.21
		STEP D	60.9286	4,874.28	10,560.95	126,731.48
		STEP E	62.4333	4,994.66	10,821.77	129,861.26
		STEP F	63.9751	5,118.00	11,089.01	133,068.20
		STEP G	65.5551	5,244.40	11,362.88	136,354.60
		STEP H	67.1740	5,373.92	11,643.49	139,721.92
		STEP I	68.8330	5,506.64	11,931.05	143,172.64
		STEP J	70.5329	5,642.63	12,225.70	146,708.43
		STEP K	72.2748	5,781.98	12,527.63	150,331.58
		STEP L	74.0596	5,924.76	12,837.00	154,043.96
		STEP M	75.8886	6,071.08	13,154.02	157,848.28
B810	PUBLIC INFORMATION OFFICER					
		STEP A	42.9927	3,439.41	7,452.06	89,424.81
		STEP B	44.0544	3,524.35	7,636.09	91,633.15
		STEP C	45.1424	3,611.39	7,824.68	93,896.19
		STEP D	46.2572	3,700.57	8,017.91	96,214.97
		STEP E	47.3996	3,791.96	8,215.93	98,591.16
		STEP F	48.5702	3,885.61	8,418.83	101,026.01
		STEP G	49.7697	3,981.57	8,626.74	103,520.97
		STEP H	50.9988	4,079.90	8,839.79	106,077.50
		STEP I	52.2583	4,180.66	9,058.10	108,697.26
		STEP J	53.5488	4,283.90	9,281.79	111,381.50
		STEP K	54.8713	4,389.70	9,511.02	114,132.30
		STEP L	56.2264	4,498.11	9,745.90	116,950.91
		STEP M	57.6149	4,609.19	9,986.58	119,838.99

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B811	PUBLIC WORKS DIRECTOR					
		STEP A	73.1385	5,851.08	12,677.34	152,128.08
		STEP B	74.9447	5,995.57	12,990.41	155,884.97
		STEP C	76.7956	6,143.64	13,311.23	159,734.84
		STEP D	78.6921	6,295.36	13,639.96	163,679.56
		STEP E	80.6355	6,450.84	13,976.82	167,721.84
		STEP F	82.6269	6,610.15	14,322.00	171,863.95
		STEP G	84.6674	6,773.39	14,675.68	176,108.19
		STEP H	86.7583	6,940.66	15,038.10	180,457.26
		STEP I	88.9009	7,112.07	15,409.48	184,913.87
		STEP J	91.0964	7,287.71	15,790.04	189,480.51
		STEP K	93.3461	7,467.68	16,179.99	194,159.88
		STEP L	95.6514	7,652.11	16,579.57	198,954.91
		STEP M	98.0136	7,841.08	16,989.02	203,868.28
B812	PURCHASING & WAREHOUSE MANAGER					
		STEP A	44.4821	3,558.56	7,710.23	92,522.76
		STEP B	45.5806	3,646.44	7,900.63	94,807.64
		STEP C	46.7063	3,736.50	8,095.75	97,149.10
		STEP D	47.8597	3,828.77	8,295.68	99,548.17
		STEP E	49.0417	3,923.33	8,500.56	102,006.73
		STEP F	50.2528	4,020.22	8,710.48	104,525.82
		STEP G	51.4939	4,119.51	8,925.60	107,107.31
		STEP H	52.7656	4,221.24	9,146.03	109,752.44
		STEP I	54.0687	4,325.49	9,371.90	112,462.89
		STEP J	55.4039	4,432.31	9,603.34	115,240.11
		STEP K	56.7722	4,541.77	9,840.51	118,086.17
		STEP L	58.1742	4,653.93	10,083.52	121,002.33
		STEP M	59.6109	4,768.87	10,332.55	123,990.67
B968	RECREATION & LIBRARY SUPV					
		STEP A	31.8553	2,548.42	5,521.58	66,259.02
		STEP B	32.6420	2,611.36	5,657.94	67,895.36
		STEP C	33.4481	2,675.84	5,797.67	69,572.04
		STEP D	34.2742	2,741.93	5,940.86	71,290.33
		STEP E	35.1206	2,809.64	6,087.57	73,050.84
		STEP F	35.9879	2,879.03	6,237.90	74,854.83
		STEP G	36.8768	2,950.14	6,391.97	76,703.74
		STEP H	37.7874	3,022.99	6,549.81	78,597.79
		STEP I	38.7206	3,097.64	6,711.57	80,538.84
		STEP J	39.6769	3,174.15	6,877.32	82,527.95
		STEP K	40.6568	3,252.54	7,047.17	84,566.14
		STEP L	41.6608	3,332.86	7,221.20	86,654.46
		STEP M	42.6897	3,415.17	7,399.54	88,794.57

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B846	REFUSE & STORMWATER MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	59.0537	4,724.29	10,235.97	122,831.69
		STEP C	60.5121	4,840.96	10,488.76	125,865.16
		STEP D	62.0065	4,960.52	10,747.79	128,973.52
		STEP E	63.5378	5,083.02	11,013.21	132,158.62
		STEP F	65.1070	5,208.56	11,285.21	135,422.56
		STEP G	66.7149	5,337.19	11,563.91	138,766.99
		STEP H	68.3624	5,468.99	11,849.48	142,193.79
		STEP I	70.0507	5,604.05	12,142.12	145,705.45
		STEP J	71.7808	5,742.46	12,442.00	149,304.06
		STEP K	73.5534	5,884.27	12,749.25	152,991.07
		STEP L	75.3699	6,029.59	13,064.11	156,769.39
		STEP M	77.2312	6,178.49	13,386.74	160,640.89
B816	REFUSE SUPERINTENDENT					
		STEP A	40.8726	3,269.80	7,084.58	85,015.00
		STEP B	41.8814	3,350.51	7,259.44	87,113.31
		STEP C	42.9158	3,433.26	7,438.73	89,264.86
		STEP D	43.9756	3,518.04	7,622.43	91,469.24
		STEP E	45.0617	3,604.93	7,810.69	93,728.33
		STEP F	46.1745	3,693.96	8,003.58	96,042.96
		STEP G	47.3148	3,785.18	8,201.23	98,414.78
		STEP H	48.4833	3,878.66	8,403.77	100,845.26
		STEP I	49.6806	3,974.44	8,611.30	103,335.64
		STEP J	50.9075	4,072.60	8,823.96	105,887.60
		STEP K	52.1647	4,173.17	9,041.88	108,502.57
		STEP L	53.4530	4,276.24	9,265.18	111,182.24
		STEP M	54.7731	4,381.84	9,494.00	113,928.04
B817	REFUSE SUPERVISOR					
		STEP A	34.4344	2,754.75	5,968.62	71,623.55
		STEP B	35.2838	2,822.70	6,115.85	73,390.30
		STEP C	36.1552	2,892.41	6,266.90	75,202.81
		STEP D	37.0481	2,963.84	6,421.67	77,060.04
		STEP E	37.9631	3,037.04	6,580.27	78,963.24
		STEP F	38.9007	3,112.05	6,742.78	80,913.45
		STEP G	39.8613	3,188.90	6,909.29	82,911.50
		STEP H	40.8457	3,267.65	7,079.92	84,959.05
		STEP I	41.8545	3,348.36	7,254.78	87,057.36
		STEP J	42.8880	3,431.04	7,433.92	89,207.04
		STEP K	43.9472	3,515.77	7,617.51	91,410.17
		STEP L	45.0326	3,602.60	7,805.65	93,667.80
		STEP M	46.1447	3,691.57	7,998.41	95,980.97

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B819	RISK MANAGER	STEP A	51.2305	4,098.44	8,879.95	106,559.44
		STEP B	52.4952	4,199.61	9,099.16	109,190.01
		STEP C	53.7916	4,303.32	9,323.87	111,886.52
		STEP D	55.1201	4,409.60	9,554.15	114,649.80
		STEP E	56.4813	4,518.50	9,790.09	117,481.10
		STEP F	57.8761	4,630.08	10,031.85	120,382.28
		STEP G	59.3055	4,744.44	10,279.62	123,355.44
		STEP H	60.7701	4,861.60	10,533.48	126,401.80
		STEP I	62.2708	4,981.66	10,793.60	129,523.26
		STEP J	63.8086	5,104.68	11,060.15	132,721.88
		STEP K	65.3844	5,230.75	11,333.29	135,999.55
		STEP L	66.9992	5,359.93	11,613.19	139,358.33
		STEP M	68.6539	5,492.31	11,900.00	142,800.11
B820	SAFETY COORDINATOR	STEP A	37.3188	2,985.50	6,468.59	77,623.10
		STEP B	38.2400	3,059.20	6,628.26	79,539.20
		STEP C	39.1843	3,134.74	6,791.94	81,503.34
		STEP D	40.1520	3,212.16	6,959.68	83,516.16
		STEP E	41.1436	3,291.48	7,131.55	85,578.68
		STEP F	42.1598	3,372.78	7,307.69	87,692.38
		STEP G	43.2009	3,456.07	7,488.15	89,857.87
		STEP H	44.2678	3,541.42	7,673.08	92,077.02
		STEP I	45.3610	3,628.88	7,862.57	94,350.88
		STEP J	46.4813	3,718.50	8,056.75	96,681.10
		STEP K	47.6291	3,810.32	8,255.71	99,068.52
		STEP L	48.8054	3,904.43	8,459.60	101,515.23
		STEP M	50.0107	4,000.85	8,668.52	104,022.25
B821	SR BUSINESS SYSTEMS ANALYST	STEP A	35.4616	2,836.92	6,146.67	73,760.12
		STEP B	36.3369	2,906.95	6,298.39	75,580.75
		STEP C	37.2343	2,978.74	6,453.94	77,447.34
		STEP D	38.1538	3,052.30	6,613.32	79,359.90
		STEP E	39.0960	3,127.68	6,776.64	81,319.68
		STEP F	40.0615	3,204.92	6,943.99	83,327.92
		STEP G	41.0509	3,284.07	7,115.48	85,385.87
		STEP H	42.0647	3,365.17	7,291.21	87,494.57
		STEP I	43.1036	3,448.28	7,471.29	89,655.48
		STEP J	44.1680	3,533.44	7,655.78	91,869.44
		STEP K	45.2587	3,620.69	7,844.84	94,138.09
		STEP L	46.3764	3,710.11	8,038.57	96,462.91
		STEP M	47.5218	3,801.74	8,237.11	98,845.34

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B822	SR DATABASE ANALYST					
		STEP A	36.6933	2,935.46	6,360.17	76,322.06
		STEP B	37.5994	3,007.95	6,517.22	78,206.75
		STEP C	38.5280	3,082.24	6,678.18	80,138.24
		STEP D	39.4795	3,158.36	6,843.11	82,117.36
		STEP E	40.4545	3,236.36	7,012.11	84,145.36
		STEP F	41.4535	3,316.28	7,185.27	86,223.28
		STEP G	42.4773	3,398.18	7,362.73	88,352.78
		STEP H	43.5263	3,482.10	7,544.55	90,534.70
		STEP I	44.6012	3,568.09	7,730.87	92,770.49
		STEP J	45.7027	3,656.21	7,921.80	95,061.61
		STEP K	46.8313	3,746.50	8,117.42	97,409.10
		STEP L	47.9879	3,839.03	8,317.90	99,814.83
		STEP M	49.1730	3,933.84	8,523.32	102,279.84
B823	SR DEPUTY CITY ATTORNEY					
		STEP A	67.9683	5,437.46	11,781.17	141,374.06
		STEP B	69.6468	5,571.74	12,072.11	144,865.34
		STEP C	71.3668	5,709.34	12,370.24	148,442.94
		STEP D	73.1293	5,850.34	12,675.74	152,108.94
		STEP E	74.9353	5,994.82	12,988.78	155,865.42
		STEP F	76.7859	6,142.87	13,309.55	159,714.67
		STEP G	78.6822	6,294.57	13,638.24	163,658.97
		STEP H	80.6254	6,450.03	13,975.06	167,700.83
		STEP I	82.6165	6,609.32	14,320.19	171,842.32
		STEP J	84.6568	6,772.54	14,673.84	176,086.14
		STEP K	86.7475	6,939.80	15,036.23	180,434.80
		STEP L	88.8898	7,111.18	15,407.56	184,890.78
		STEP M	91.0850	7,286.80	15,788.06	189,456.80
B951	SR DEVELOPMENT SERVICES ANLYST					
		STEP A	35.6131	2,849.04	6,172.93	74,075.24
		STEP B	36.4922	2,919.37	6,325.31	75,903.77
		STEP C	37.3934	2,991.47	6,481.52	77,778.27
		STEP D	38.3168	3,065.34	6,641.57	79,698.94
		STEP E	39.2631	3,141.04	6,805.60	81,667.24
		STEP F	40.2328	3,218.62	6,973.68	83,684.22
		STEP G	41.2263	3,298.10	7,145.89	85,750.70
		STEP H	42.2445	3,379.56	7,322.38	87,868.56
		STEP I	43.2877	3,463.01	7,503.20	90,038.41
		STEP J	44.3568	3,548.54	7,688.51	92,262.14
		STEP K	45.4522	3,636.17	7,878.38	94,540.57
		STEP L	46.5747	3,725.97	8,072.94	96,875.37
		STEP M	47.7249	3,817.99	8,272.31	99,267.79

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B824	SR ELECTRIC BUSINESS ANALYST					
		STEP A	50.9430	4,075.44	8,830.12	105,961.44
		STEP B	52.2011	4,176.08	9,048.19	108,578.28
		STEP C	53.4903	4,279.22	9,271.65	111,259.82
		STEP D	54.8113	4,384.90	9,500.62	114,007.50
		STEP E	56.1649	4,493.19	9,735.24	116,822.99
		STEP F	57.5519	4,604.15	9,975.66	119,707.95
		STEP G	58.9732	4,717.85	10,222.02	122,664.25
		STEP H	60.4296	4,834.36	10,474.46	125,693.56
		STEP I	61.9220	4,953.76	10,733.14	128,797.76
		STEP J	63.4512	5,076.09	10,998.20	131,978.49
		STEP K	65.0182	5,201.45	11,269.82	135,237.85
		STEP L	66.6239	5,329.91	11,548.14	138,577.71
		STEP M	68.2693	5,461.54	11,833.34	142,000.14
B825	SR ENERGY SERVICES ACCOUNT REP					
		STEP A	50.5181	4,041.44	8,756.47	105,077.64
		STEP B	51.7657	4,141.25	8,972.72	107,672.65
		STEP C	53.0441	4,243.52	9,194.31	110,331.72
		STEP D	54.3541	4,348.32	9,421.37	113,056.52
		STEP E	55.6964	4,455.71	9,654.04	115,848.51
		STEP F	57.0719	4,565.75	9,892.46	118,709.55
		STEP G	58.4813	4,678.50	10,136.75	121,641.10
		STEP H	59.9256	4,794.04	10,387.10	124,645.24
		STEP I	61.4055	4,912.44	10,643.62	127,723.44
		STEP J	62.9220	5,033.76	10,906.48	130,877.76
		STEP K	64.4759	5,158.07	11,175.82	134,109.87
		STEP L	66.0682	5,285.45	11,451.82	137,421.85
		STEP M	67.6998	5,415.98	11,734.63	140,815.58
B826	SR ENGINEER					
		STEP A	43.5792	3,486.33	7,553.72	90,644.73
		STEP B	44.6550	3,572.40	7,740.20	92,882.40
		STEP C	45.7577	3,660.61	7,931.33	95,176.01
		STEP D	46.8878	3,751.02	8,127.21	97,526.62
		STEP E	48.0458	3,843.66	8,327.93	99,935.26
		STEP F	49.2322	3,938.57	8,533.58	102,402.97
		STEP G	50.4481	4,035.84	8,744.33	104,932.04
		STEP H	51.6940	4,135.52	8,960.29	107,523.52
		STEP I	52.9706	4,237.64	9,181.57	110,178.84
		STEP J	54.2788	4,342.30	9,408.32	112,899.90
		STEP K	55.6193	4,449.54	9,640.67	115,688.14
		STEP L	56.9928	4,559.42	9,878.75	118,545.02
		STEP M	58.4003	4,672.02	10,122.71	121,472.62

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B947	SR GIS ANALYST	STEP A	35.4589	2,836.71	6,146.20	73,754.51
		STEP B	36.3342	2,906.73	6,297.92	75,575.13
		STEP C	37.2315	2,978.52	6,453.46	77,441.52
		STEP D	38.1510	3,052.08	6,612.84	79,354.08
		STEP E	39.0931	3,127.44	6,776.13	81,313.64
		STEP F	40.0587	3,204.69	6,943.50	83,322.09
		STEP G	41.0480	3,283.84	7,114.98	85,379.84
		STEP H	42.0616	3,364.92	7,290.67	87,488.12
		STEP I	43.1004	3,448.03	7,470.73	89,648.83
		STEP J	44.1648	3,533.18	7,655.23	91,862.78
		STEP K	45.2555	3,620.44	7,844.28	94,131.44
		STEP L	46.3731	3,709.84	8,038.00	96,456.04
		STEP M	47.5183	3,801.46	8,236.50	98,838.06
B827	SR HUMAN RESOURCES ANALYST	STEP A	39.1848	3,134.78	6,792.03	81,504.38
		STEP B	40.1519	3,212.15	6,959.66	83,515.95
		STEP C	41.1434	3,291.47	7,131.52	85,578.27
		STEP D	42.1596	3,372.76	7,307.66	87,691.96
		STEP E	43.2008	3,456.06	7,488.13	89,857.66
		STEP F	44.2676	3,541.40	7,673.05	92,076.60
		STEP G	45.3608	3,628.86	7,862.53	94,350.46
		STEP H	46.4811	3,718.48	8,056.72	96,680.68
		STEP I	47.6290	3,810.32	8,255.69	99,068.32
		STEP J	48.8053	3,904.42	8,459.58	101,515.02
		STEP K	50.0105	4,000.84	8,668.48	104,021.84
		STEP L	51.2456	4,099.64	8,882.57	106,590.84
		STEP M	52.5111	4,200.88	9,101.92	109,223.08
B828	SR IT ANALYST	STEP A	36.9275	2,954.20	6,400.76	76,809.20
		STEP B	37.8395	3,027.16	6,558.84	78,706.16
		STEP C	38.7739	3,101.91	6,720.80	80,649.71
		STEP D	39.7315	3,178.52	6,886.79	82,641.52
		STEP E	40.7127	3,257.01	7,056.86	84,682.41
		STEP F	41.7182	3,337.45	7,231.15	86,773.85
		STEP G	42.7484	3,419.87	7,409.72	88,916.67
		STEP H	43.8041	3,504.32	7,592.71	91,112.52
		STEP I	44.8859	3,590.87	7,780.22	93,362.67
		STEP J	45.9944	3,679.55	7,972.36	95,668.35
		STEP K	47.1303	3,770.42	8,169.25	98,031.02
		STEP L	48.2942	3,863.53	8,370.99	100,451.93
		STEP M	49.4869	3,958.95	8,577.72	102,932.75

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B829	SR PLANNER	STEP A	41.1373	3,290.98	7,130.46	85,565.58
		STEP B	42.1528	3,372.22	7,306.48	87,677.82
		STEP C	43.1938	3,455.50	7,486.92	89,843.10
		STEP D	44.2606	3,540.84	7,671.83	92,062.04
		STEP E	45.3536	3,628.28	7,861.29	94,335.48
		STEP F	46.4736	3,717.88	8,055.42	96,665.08
		STEP G	47.6214	3,809.71	8,254.37	99,052.51
		STEP H	48.7974	3,903.79	8,458.21	101,498.59
		STEP I	50.0024	4,000.19	8,667.08	104,004.99
		STEP J	51.2374	4,098.99	8,881.14	106,573.79
		STEP K	52.5027	4,200.21	9,100.46	109,205.61
		STEP L	53.7993	4,303.94	9,325.21	111,902.54
		STEP M	55.1279	4,410.23	9,555.50	114,666.03
B830	SR POWER ENGINEER	STEP A	63.4494	5,075.95	10,997.89	131,974.75
		STEP B	65.0164	5,201.31	11,269.50	135,234.11
		STEP C	66.6220	5,329.76	11,547.81	138,573.76
		STEP D	68.2673	5,461.38	11,833.00	141,995.98
		STEP E	69.9533	5,596.26	12,125.23	145,502.86
		STEP F	71.6808	5,734.46	12,424.67	149,096.06
		STEP G	73.4511	5,876.08	12,731.52	152,778.28
		STEP H	75.2650	6,021.20	13,045.93	156,551.20
		STEP I	77.1237	6,169.89	13,368.10	160,417.29
		STEP J	79.0284	6,322.27	13,698.25	164,379.07
		STEP K	80.9801	6,478.40	14,036.55	168,438.60
		STEP L	82.9800	6,638.40	14,383.20	172,598.40
		STEP M	85.0292	6,802.33	14,738.39	176,860.73
B831	SR POWER PLANT ENGINEER	STEP A	63.4494	5,075.95	10,997.89	131,974.75
		STEP B	65.0164	5,201.31	11,269.50	135,234.11
		STEP C	66.6220	5,329.76	11,547.81	138,573.76
		STEP D	68.2673	5,461.38	11,833.00	141,995.98
		STEP E	69.9533	5,596.26	12,125.23	145,502.86
		STEP F	71.6808	5,734.46	12,424.67	149,096.06
		STEP G	73.4511	5,876.08	12,731.52	152,778.28
		STEP H	75.2650	6,021.20	13,045.93	156,551.20
		STEP I	77.1237	6,169.89	13,368.10	160,417.29
		STEP J	79.0284	6,322.27	13,698.25	164,379.07
		STEP K	80.9801	6,478.40	14,036.55	168,438.60
		STEP L	82.9800	6,638.40	14,383.20	172,598.40
		STEP M	85.0292	6,802.33	14,738.39	176,860.73

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B833	STREET MAINT SUPERINTENDENT					
		STEP A	43.5705	3,485.64	7,552.22	90,626.64
		STEP B	44.6458	3,571.66	7,738.60	92,863.26
		STEP C	45.7484	3,659.87	7,929.72	95,156.67
		STEP D	46.8782	3,750.25	8,125.55	97,506.65
		STEP E	48.0359	3,842.87	8,326.22	99,914.67
		STEP F	49.2222	3,937.77	8,531.84	102,382.17
		STEP G	50.4378	4,035.02	8,742.55	104,910.62
		STEP H	51.6834	4,134.67	8,958.45	107,501.47
		STEP I	52.9598	4,236.78	9,179.69	110,156.38
		STEP J	54.2677	4,341.41	9,406.40	112,876.81
		STEP K	55.6078	4,448.62	9,638.68	115,664.22
		STEP L	56.9812	4,558.49	9,876.74	118,520.89
		STEP M	58.3884	4,671.07	10,120.65	121,447.87
B832	STREET MAINT SUPERVISOR					
		STEP A	33.2846	2,662.76	5,769.33	69,231.96
		STEP B	34.1062	2,728.49	5,911.74	70,940.89
		STEP C	34.9485	2,795.88	6,057.74	72,692.88
		STEP D	35.8116	2,864.92	6,207.34	74,488.12
		STEP E	36.6960	2,935.68	6,360.64	76,327.68
		STEP F	37.6022	3,008.17	6,517.71	78,212.57
		STEP G	38.5308	3,082.46	6,678.67	80,144.06
		STEP H	39.4824	3,158.59	6,843.61	82,123.39
		STEP I	40.4575	3,236.60	7,012.63	84,151.60
		STEP J	41.4566	3,316.52	7,185.81	86,229.72
		STEP K	42.4804	3,398.43	7,363.26	88,359.23
		STEP L	43.5295	3,482.36	7,545.11	90,541.36
		STEP M	44.6045	3,568.36	7,731.44	92,777.36
B834	URBAN FORESTER					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	36.4187	2,913.49	6,312.57	75,750.89
		STEP C	37.3180	2,985.44	6,468.45	77,621.44
		STEP D	38.2397	3,059.17	6,628.21	79,538.57
		STEP E	39.1840	3,134.72	6,791.89	81,502.72
		STEP F	40.1517	3,212.13	6,959.62	83,515.53
		STEP G	41.1433	3,291.46	7,131.50	85,578.06
		STEP H	42.1594	3,372.75	7,307.62	87,691.55
		STEP I	43.2006	3,456.04	7,488.10	89,857.24
		STEP J	44.2675	3,541.40	7,673.03	92,076.40
		STEP K	45.3607	3,628.85	7,862.52	94,350.25
		STEP L	46.4809	3,718.47	8,056.68	96,680.27
		STEP M	47.6288	3,810.30	8,255.65	99,067.90

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B835	WATER CONSERVATION ADMINSTR					
		STEP A	39.2069	3,136.55	6,795.86	81,550.35
		STEP B	40.1748	3,213.98	6,963.63	83,563.58
		STEP C	41.1670	3,293.36	7,135.61	85,627.36
		STEP D	42.1836	3,374.68	7,311.82	87,741.88
		STEP E	43.2254	3,458.03	7,492.40	89,908.83
		STEP F	44.2929	3,543.43	7,677.43	92,129.23
		STEP G	45.3867	3,630.93	7,867.02	94,404.33
		STEP H	46.5076	3,720.60	8,061.31	96,735.80
		STEP I	47.6561	3,812.48	8,260.39	99,124.68
		STEP J	48.8331	3,906.64	8,464.40	101,572.84
		STEP K	50.0391	4,003.12	8,673.44	104,081.32
		STEP L	51.2748	4,101.98	8,887.63	106,651.58
		STEP M	52.5411	4,203.28	9,107.12	109,285.48
B836	WATER DISTRIBUTION SUPERVISOR					
		STEP A	35.5414	2,843.31	6,160.50	73,926.11
		STEP B	36.4187	2,913.49	6,312.57	75,750.89
		STEP C	37.3180	2,985.44	6,468.45	77,621.44
		STEP D	38.2397	3,059.17	6,628.21	79,538.57
		STEP E	39.1840	3,134.72	6,791.89	81,502.72
		STEP F	40.1517	3,212.13	6,959.62	83,515.53
		STEP G	41.1433	3,291.46	7,131.50	85,578.06
		STEP H	42.1594	3,372.75	7,307.62	87,691.55
		STEP I	43.2006	3,456.04	7,488.10	89,857.24
		STEP J	44.2675	3,541.40	7,673.03	92,076.40
		STEP K	45.3607	3,628.85	7,862.52	94,350.25
		STEP L	46.4809	3,718.47	8,056.68	96,680.27
		STEP M	47.6288	3,810.30	8,255.65	99,067.90
B850	WATER DISTRIBUTION SUPT					
		STEP A	42.9210	3,433.68	7,439.64	89,275.68
		STEP B	44.6389	3,571.11	7,737.40	92,848.91
		STEP C	45.7413	3,659.30	7,928.49	95,141.90
		STEP D	46.8709	3,749.67	8,124.28	97,491.47
		STEP E	48.0284	3,842.27	8,324.92	99,899.07
		STEP F	49.2145	3,937.16	8,530.51	102,366.16
		STEP G	50.4299	4,034.39	8,741.18	104,894.19
		STEP H	51.6753	4,134.02	8,957.05	107,484.62
		STEP I	52.9516	4,236.12	9,178.27	110,139.32
		STEP J	54.2592	4,340.73	9,404.92	112,859.13
		STEP K	55.5992	4,447.93	9,637.19	115,646.33
		STEP L	56.9723	4,557.78	9,875.19	118,502.38
		STEP M	58.3793	4,670.34	10,119.07	121,428.94

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B837	WATER QUALITY LAB SUPERVISOR					
		STEP A	37.3171	2,985.36	6,468.29	77,619.56
		STEP B	38.2381	3,059.04	6,627.93	79,535.24
		STEP C	39.1824	3,134.59	6,791.61	81,499.39
		STEP D	40.1501	3,212.00	6,959.35	83,512.20
		STEP E	41.1416	3,291.32	7,131.21	85,574.52
		STEP F	42.1576	3,372.60	7,307.31	87,687.80
		STEP G	43.1987	3,455.89	7,487.77	89,853.29
		STEP H	44.2657	3,541.25	7,672.72	92,072.65
		STEP I	45.3588	3,628.70	7,862.19	94,346.30
		STEP J	46.4790	3,718.32	8,056.36	96,676.32
		STEP K	47.6269	3,810.15	8,255.32	99,063.95
		STEP L	48.8030	3,904.24	8,459.18	101,510.24
		STEP M	50.0083	4,000.66	8,668.10	104,017.26
B838	WATER TRMT PLT CHIEF OPERATOR					
		STEP A	42.6478	3,411.82	7,392.28	88,707.42
		STEP B	43.7006	3,496.04	7,574.77	90,897.24
		STEP C	44.7798	3,582.38	7,761.83	93,141.98
		STEP D	45.8856	3,670.84	7,953.50	95,442.04
		STEP E	47.0188	3,761.50	8,149.92	97,799.10
		STEP F	48.1800	3,854.40	8,351.20	100,214.40
		STEP G	49.3699	3,949.59	8,557.44	102,689.39
		STEP H	50.5891	4,047.12	8,768.77	105,225.32
		STEP I	51.8384	4,147.07	8,985.32	107,823.87
		STEP J	53.1186	4,249.48	9,207.22	110,486.68
		STEP K	54.4305	4,354.44	9,434.62	113,215.44
		STEP L	55.7747	4,461.97	9,667.61	116,011.37
		STEP M	57.1521	4,572.16	9,906.36	118,876.36
B839	WATER UTILITY MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	59.0537	4,724.29	10,235.97	122,831.69
		STEP C	60.5121	4,840.96	10,488.76	125,865.16
		STEP D	62.0065	4,960.52	10,747.79	128,973.52
		STEP E	63.5378	5,083.02	11,013.21	132,158.62
		STEP F	65.1070	5,208.56	11,285.21	135,422.56
		STEP G	66.7149	5,337.19	11,563.91	138,766.99
		STEP H	68.3624	5,468.99	11,849.48	142,193.79
		STEP I	70.0507	5,604.05	12,142.12	145,705.45
		STEP J	71.7808	5,742.46	12,442.00	149,304.06
		STEP K	73.5534	5,884.27	12,749.25	152,991.07
		STEP L	75.3699	6,029.59	13,064.11	156,769.39
		STEP M	77.2312	6,178.49	13,386.74	160,640.89

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C
Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B840	WSTWTR COLLECTION SUPT					
		STEP A	43.5636	3,485.08	7,551.02	90,612.28
		STEP B	44.6389	3,571.11	7,737.40	92,848.91
		STEP C	45.7413	3,659.30	7,928.49	95,141.90
		STEP D	46.8709	3,749.67	8,124.28	97,491.47
		STEP E	48.0284	3,842.27	8,324.92	99,899.07
		STEP F	49.2146	3,937.16	8,530.53	102,366.36
		STEP G	50.4299	4,034.39	8,741.18	104,894.19
		STEP H	51.6753	4,134.02	8,957.05	107,484.62
		STEP I	52.9516	4,236.12	9,178.27	110,139.32
		STEP J	54.2592	4,340.73	9,404.92	112,859.13
		STEP K	55.5992	4,447.93	9,637.19	115,646.33
		STEP L	56.9723	4,557.78	9,875.19	118,502.38
		STEP M	58.3793	4,670.34	10,119.07	121,428.94
B841	WSTWTR COLLECTION SUPV					
		STEP A	35.5415	2,843.32	6,160.52	73,926.32
		STEP B	36.4187	2,913.49	6,312.57	75,750.89
		STEP C	37.3180	2,985.44	6,468.45	77,621.44
		STEP D	38.2397	3,059.17	6,628.21	79,538.57
		STEP E	39.1840	3,134.72	6,791.89	81,502.72
		STEP F	40.1517	3,212.13	6,959.62	83,515.53
		STEP G	41.1433	3,291.46	7,131.50	85,578.06
		STEP H	42.1594	3,372.75	7,307.62	87,691.55
		STEP I	43.2006	3,456.04	7,488.10	89,857.24
		STEP J	44.2675	3,541.40	7,673.03	92,076.40
		STEP K	45.3607	3,628.85	7,862.52	94,350.25
		STEP L	46.4809	3,718.47	8,056.68	96,680.27
		STEP M	47.6288	3,810.30	8,255.65	99,067.90
B842	WSTWTR TRMT PLT CHIEF OPERATOR					
		STEP A	46.9127	3,753.01	8,131.53	97,578.41
		STEP B	48.0706	3,845.64	8,332.23	99,986.84
		STEP C	49.2577	3,940.61	8,538.00	102,456.01
		STEP D	50.4742	4,037.93	8,748.86	104,986.33
		STEP E	51.7207	4,137.65	8,964.92	107,579.05
		STEP F	52.9980	4,239.84	9,186.32	110,235.84
		STEP G	54.3068	4,344.54	9,413.17	112,958.14
		STEP H	55.6480	4,451.84	9,645.65	115,747.84
		STEP I	57.0223	4,561.78	9,883.86	118,606.38
		STEP J	58.4305	4,674.44	10,127.95	121,535.44
		STEP K	59.8735	4,789.88	10,378.07	124,536.88
		STEP L	61.3522	4,908.17	10,634.38	127,612.57
		STEP M	62.8673	5,029.38	10,897.00	130,763.98

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: C

Percentage:1.000

Effective Date: 05/11/2019

MGTB MANAGEMENT-B

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
B843	WSTWTR UTILITY MANAGER					
		STEP A	57.6313	4,610.50	9,989.42	119,873.10
		STEP B	59.0537	4,724.29	10,235.97	122,831.69
		STEP C	60.5121	4,840.96	10,488.76	125,865.16
		STEP D	62.0065	4,960.52	10,747.79	128,973.52
		STEP E	63.5378	5,083.02	11,013.21	132,158.62
		STEP F	65.1070	5,208.56	11,285.21	135,422.56
		STEP G	66.7149	5,337.19	11,563.91	138,766.99
		STEP H	68.3624	5,468.99	11,849.48	142,193.79
		STEP I	70.0507	5,604.05	12,142.12	145,705.45
		STEP J	71.7808	5,742.46	12,442.00	149,304.06
		STEP K	73.5534	5,884.27	12,749.25	152,991.07
		STEP L	75.3699	6,029.59	13,064.11	156,769.39
		STEP M	77.2312	6,178.49	13,386.74	160,640.89

ORDINANCE NO. 6090

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6048, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY THE INTERNATIONAL UNION OF OPERATING ENGINEERS, STATIONARY ENGINEERS, LOCAL 39, AS AMENDED BY APPENDIX “P” TO BE EFFECTIVE MAY 11, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6048, the Salary Ordinance for employees represented by Local 39, is hereby amended as shown on Appendix “P” for salary schedules A and B attached hereto:

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
9549/B973	ERP Business Analyst I	4488
9550/B974	ERP Business Analyst II	4930
9555/B979	Natural Resource Specialist I	3318
9545/B969	Natural Resource Specialist II	3650
9543/B978	Parks, Recreation and Libraries Coordinator II	3142
9548/B972	Passport/Livescan Agent	2212

DELETION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
4862/B486	Natural Resource Technician	3400
6121/B501	Recreation Coordinator I	2856
6122/B502	Recreation Coordinator II	3142

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective May 11, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect May 11, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

ATTEST:

MAYOR

City Clerk

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: P

Percentage: 1.000

Effective Date: 05/11/2019

LO39 LOCAL 39

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
0035	ACCOUNTANT I	STEP A	27.0721	40.6081	2,165.76	4,692.49	56,309.96
		STEP B	28.4257	42.6385	2,274.05	4,927.12	59,125.45
		STEP C	29.8469	44.7703	2,387.75	5,173.46	62,081.55
		STEP D	31.3393	47.0089	2,507.14	5,432.14	65,185.74
		STEP E	32.9063	49.3594	2,632.50	5,703.75	68,445.10
		STEP F	34.5516	51.8274	2,764.12	5,988.94	71,867.32
		STEP G	36.2791	54.4186	2,902.32	6,288.37	75,460.52
		STEP H	38.0931	57.1396	3,047.44	6,602.80	79,233.64
0040	ACCOUNTANT II	STEP A	29.7762	44.6643	2,382.09	5,161.20	61,934.49
		STEP B	31.2650	46.8975	2,501.20	5,419.26	65,031.20
		STEP C	32.8283	49.2424	2,626.26	5,690.23	68,282.86
		STEP D	34.4697	51.7045	2,757.57	5,974.74	71,696.97
		STEP E	36.1932	54.2898	2,895.45	6,273.48	75,281.85
		STEP F	38.0028	57.0042	3,040.22	6,587.15	79,045.82
		STEP G	39.9030	59.8545	3,192.24	6,916.52	82,998.24
		STEP H	41.8981	62.8471	3,351.84	7,262.33	87,148.04
0084	ADMIN TECHNICIAN	STEP A	22.3391	33.5086	1,787.12	3,872.11	46,465.32
		STEP B	23.4560	35.1840	1,876.48	4,065.70	48,788.48
		STEP C	24.6288	36.9432	1,970.30	4,268.99	51,227.90
		STEP D	25.8603	38.7904	2,068.82	4,482.45	53,789.42
		STEP E	27.1533	40.7299	2,172.26	4,706.57	56,478.86
		STEP F	28.5109	42.7663	2,280.87	4,941.88	59,302.67
		STEP G	29.9365	44.9047	2,394.92	5,188.99	62,267.92
		STEP H	31.4333	47.1499	2,514.66	5,448.43	65,381.26
8302	AQUATICS MAINTENANCE TECH	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.9479	38.9218	2,075.83	4,497.63	53,971.63
		STEP C	27.2452	40.8678	2,179.61	4,722.50	56,670.01
		STEP D	28.6074	42.9111	2,288.59	4,958.61	59,503.39
		STEP E	30.0379	45.0568	2,403.03	5,206.56	62,478.83
		STEP F	31.5397	47.3095	2,523.17	5,466.88	65,602.57
		STEP G	33.1167	49.6750	2,649.33	5,740.22	68,882.73
		STEP H	34.7725	52.1587	2,781.80	6,027.23	72,326.80

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8300	ARBORIST TECHNICIAN	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.9479	38.9218	2,075.83	4,497.63	53,971.63
		STEP C	27.2452	40.8678	2,179.61	4,722.50	56,670.01
		STEP D	28.6074	42.9111	2,288.59	4,958.61	59,503.39
		STEP E	30.0379	45.0568	2,403.03	5,206.56	62,478.83
		STEP F	31.5397	47.3095	2,523.17	5,466.88	65,602.57
		STEP G	33.1167	49.6750	2,649.33	5,740.22	68,882.73
		STEP H	34.7725	52.1587	2,781.80	6,027.23	72,326.80
0820	ASSOC ENGINEER	STEP A	35.4446	53.1669	2,835.56	6,143.73	73,724.76
		STEP B	37.2168	55.8252	2,977.34	6,450.91	77,410.94
		STEP C	39.0777	58.6165	3,126.21	6,773.46	81,281.61
		STEP D	41.0315	61.5472	3,282.52	7,112.12	85,345.52
		STEP E	43.0831	64.6246	3,446.64	7,467.73	89,612.84
		STEP F	45.2373	67.8559	3,618.98	7,841.13	94,093.58
		STEP G	47.4991	71.2486	3,799.92	8,233.17	98,798.12
		STEP H	49.8741	74.8111	3,989.92	8,644.84	103,738.12
0900	ASSOC PLANNER	STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	32.5196	48.7794	2,601.56	5,636.73	67,640.76
		STEP C	34.1458	51.2187	2,731.66	5,918.60	71,023.26
		STEP D	35.8531	53.7796	2,868.24	6,214.53	74,574.44
		STEP E	37.6456	56.4684	3,011.64	6,525.23	78,302.84
		STEP F	39.5280	59.2920	3,162.24	6,851.52	82,218.24
		STEP G	41.5043	62.2564	3,320.34	7,194.07	86,328.94
		STEP H	43.5794	65.3691	3,486.35	7,553.76	90,645.15
0376	ASST CHILD CARE SITE COORD	STEP A	17.6895	26.5342	1,415.16	3,066.18	36,794.16
		STEP B	18.5740	27.8610	1,485.92	3,219.49	38,633.92
		STEP C	19.5027	29.2540	1,560.21	3,380.46	40,565.61
		STEP D	20.4778	30.7167	1,638.22	3,549.48	42,593.82
		STEP E	21.5017	32.2525	1,720.13	3,726.96	44,723.53
		STEP F	22.5768	33.8652	1,806.14	3,913.31	46,959.74
		STEP G	23.7056	35.5584	1,896.44	4,108.97	49,307.64
		STEP H	24.8909	37.3363	1,991.27	4,314.42	51,773.07

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0338	ASST ENGINEER	STEP A	32.2271	48.3406	2,578.16	5,586.03	67,032.36
		STEP B	33.8384	50.7576	2,707.07	5,865.32	70,383.87
		STEP C	35.5303	53.2954	2,842.42	6,158.58	73,903.02
		STEP D	37.3068	55.9602	2,984.54	6,466.51	77,598.14
		STEP E	39.1722	58.7583	3,133.77	6,789.84	81,478.17
		STEP F	41.1308	61.6962	3,290.46	7,129.33	85,552.06
		STEP G	43.1873	64.7809	3,454.98	7,485.79	89,829.58
		STEP H	45.3467	68.0200	3,627.73	7,860.09	94,321.13
0650	ASST PLANNER	STEP A	26.9304	40.3956	2,154.43	4,667.93	56,015.23
		STEP B	28.2771	42.4156	2,262.16	4,901.36	58,816.36
		STEP C	29.6909	44.5363	2,375.27	5,146.42	61,757.07
		STEP D	31.1754	46.7631	2,494.03	5,403.73	64,844.83
		STEP E	32.7342	49.1013	2,618.73	5,673.92	68,087.13
		STEP F	34.3708	51.5562	2,749.66	5,957.60	71,491.26
		STEP G	36.0894	54.1341	2,887.15	6,255.49	75,065.95
		STEP H	37.8938	56.8407	3,031.50	6,568.25	78,819.10
1018	BLDG INSPECTOR I	STEP A	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP B	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP C	27.4258	41.1387	2,194.06	4,753.80	57,045.66
		STEP D	28.7971	43.1956	2,303.76	4,991.49	59,897.96
		STEP E	30.2369	45.3553	2,418.95	5,241.06	62,892.75
		STEP F	31.7488	47.6232	2,539.90	5,503.12	66,037.50
		STEP G	33.3362	50.0043	2,666.89	5,778.27	69,339.29
		STEP H	35.0030	52.5045	2,800.24	6,067.18	72,806.24
1019	BLDG INSPECTOR II	STEP A	27.3635	41.0452	2,189.08	4,743.00	56,916.08
		STEP B	28.7317	43.0975	2,298.53	4,980.16	59,761.93
		STEP C	30.1683	45.2524	2,413.46	5,229.17	62,750.06
		STEP D	31.6767	47.5150	2,534.13	5,490.62	65,887.53
		STEP E	33.2605	49.8907	2,660.84	5,765.15	69,181.84
		STEP F	34.9235	52.3852	2,793.88	6,053.40	72,640.88
		STEP G	36.6697	55.0045	2,933.57	6,356.08	76,272.97
		STEP H	38.5032	57.7548	3,080.25	6,673.88	80,086.65

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1030	BLDG MAINT WORKER I						
		STEP A	20.7748	31.1622	1,661.98	3,600.96	43,211.58
		STEP B	21.8136	32.7204	1,745.08	3,781.02	45,372.28
		STEP C	22.9043	34.3564	1,832.34	3,970.07	47,640.94
		STEP D	24.0495	36.0742	1,923.96	4,168.58	50,022.96
		STEP E	25.2520	37.8780	2,020.16	4,377.01	52,524.16
		STEP F	26.5146	39.7719	2,121.16	4,595.86	55,150.36
		STEP G	27.8403	41.7604	2,227.22	4,825.65	57,907.82
		STEP H	29.2323	43.8484	2,338.58	5,066.93	60,803.18
1032	BLDG MAINT WORKER II						
		STEP A	22.8500	34.2750	1,828.00	3,960.66	47,528.00
		STEP B	23.9925	35.9887	1,919.40	4,158.70	49,904.40
		STEP C	25.1922	37.7883	2,015.37	4,366.64	52,399.77
		STEP D	26.4518	39.6777	2,116.14	4,584.97	55,019.74
		STEP E	27.7744	41.6616	2,221.95	4,814.22	57,770.75
		STEP F	29.1631	43.7446	2,333.04	5,054.93	60,659.24
		STEP G	30.6212	45.9318	2,449.69	5,307.67	63,692.09
		STEP H	32.1523	48.2284	2,572.18	5,573.06	66,876.78
9425	BLDG MAINTENANCE AIDE						
		STEP A	16.8975	25.3462	1,351.80	2,928.90	35,146.80
		STEP B	17.7424	26.6136	1,419.39	3,075.34	36,904.19
		STEP C	18.6296	27.9444	1,490.36	3,229.13	38,749.56
		STEP D	19.5610	29.3415	1,564.88	3,390.57	40,686.88
		STEP E	20.5390	30.8085	1,643.12	3,560.09	42,721.12
		STEP F	21.5661	32.3491	1,725.28	3,738.12	44,857.48
		STEP G	22.6443	33.9664	1,811.54	3,925.01	47,100.14
		STEP H	23.7765	35.6647	1,902.12	4,121.26	49,455.12
1045	BLDG PLANS EXAMINER I						
		STEP A	25.7525	38.6287	2,060.20	4,463.76	53,565.20
		STEP B	27.0401	40.5601	2,163.20	4,686.95	56,243.40
		STEP C	28.3921	42.5881	2,271.36	4,921.29	59,055.56
		STEP D	29.8117	44.7175	2,384.93	5,167.36	62,008.33
		STEP E	31.3023	46.9534	2,504.18	5,425.73	65,108.78
		STEP F	32.8674	49.3011	2,629.39	5,697.01	68,364.19
		STEP G	34.5108	51.7662	2,760.86	5,981.87	71,782.46
		STEP H	36.2363	54.3544	2,898.90	6,280.95	75,371.50

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1047	BLDG PLANS EXAMINER II						
		STEP A	28.3278	42.4917	2,266.22	4,910.15	58,921.82
		STEP B	29.7441	44.6161	2,379.52	5,155.64	61,867.72
		STEP C	31.2314	46.8471	2,498.51	5,413.44	64,961.31
		STEP D	32.7929	49.1893	2,623.43	5,684.10	68,209.23
		STEP E	34.4326	51.6489	2,754.60	5,968.31	71,619.80
		STEP F	36.1542	54.2313	2,892.33	6,266.72	75,200.73
		STEP G	37.9619	56.9428	3,036.95	6,580.06	78,960.75
		STEP H	39.8600	59.7900	3,188.80	6,909.06	82,908.80
1361	BUSINESS SYSTEMS ANALYST I						
		STEP A	27.9107	41.8660	2,232.85	4,837.85	58,054.25
		STEP B	29.3061	43.9591	2,344.48	5,079.72	60,956.68
		STEP C	30.7714	46.1571	2,461.71	5,333.70	64,004.51
		STEP D	32.3100	48.4650	2,584.80	5,600.40	67,204.80
		STEP E	33.9256	50.8884	2,714.04	5,880.43	70,565.24
		STEP F	35.6219	53.4328	2,849.75	6,174.46	74,093.55
		STEP G	37.4029	56.1043	2,992.23	6,483.16	77,798.03
		STEP H	39.2731	58.9096	3,141.84	6,807.33	81,688.04
1362	BUSINESS SYSTEMS ANALYST II						
		STEP A	30.7019	46.0528	2,456.15	5,321.66	63,859.95
		STEP B	32.2369	48.3553	2,578.95	5,587.72	67,052.75
		STEP C	33.8487	50.7730	2,707.89	5,867.10	70,405.29
		STEP D	35.5411	53.3116	2,843.28	6,160.45	73,925.48
		STEP E	37.3182	55.9773	2,985.45	6,468.48	77,621.85
		STEP F	39.1843	58.7764	3,134.74	6,791.94	81,503.34
		STEP G	41.1433	61.7149	3,291.46	7,131.50	85,578.06
		STEP H	43.2004	64.8006	3,456.03	7,488.06	89,856.83
1055	BUYER I						
		STEP A	21.5375	32.3062	1,723.00	3,733.16	44,798.00
		STEP B	22.6144	33.9216	1,809.15	3,919.82	47,037.95
		STEP C	23.7453	35.6179	1,899.62	4,115.85	49,390.22
		STEP D	24.9325	37.3987	1,994.60	4,321.63	51,859.60
		STEP E	26.1792	39.2688	2,094.33	4,537.72	54,452.73
		STEP F	27.4881	41.2321	2,199.04	4,764.60	57,175.24
		STEP G	28.8624	43.2936	2,308.99	5,002.81	60,033.79
		STEP H	30.3056	45.4584	2,424.44	5,252.97	63,035.64

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1060	BUYER II	STEP A	23.6912	35.5368	1,895.29	4,106.47	49,277.69
		STEP B	24.8758	37.3137	1,990.06	4,311.80	51,741.66
		STEP C	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP D	27.4257	41.1385	2,194.05	4,753.78	57,045.45
		STEP E	28.7968	43.1952	2,303.74	4,991.44	59,897.34
		STEP F	30.2367	45.3550	2,418.93	5,241.02	62,892.33
		STEP G	31.7486	47.6229	2,539.88	5,503.09	66,037.08
		STEP H	33.3360	50.0040	2,666.88	5,778.24	69,338.88
1225	CHILD CARE SITE COORDINATOR	STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	21.3189	31.9783	1,705.51	3,695.27	44,343.31
		STEP C	22.3849	33.5773	1,790.79	3,880.04	46,560.59
		STEP D	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP E	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP F	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP G	27.2090	40.8135	2,176.72	4,716.22	56,594.72
		STEP H	28.5694	42.8541	2,285.55	4,952.02	59,424.35
1226	CITY CLERK TECHNICIAN I	STEP A	21.7257	32.5885	1,738.05	3,765.78	45,189.45
		STEP B	22.8120	34.2180	1,824.96	3,954.08	47,448.96
		STEP C	23.9526	35.9289	1,916.20	4,151.78	49,821.40
		STEP D	25.1503	37.7254	2,012.02	4,359.38	52,312.62
		STEP E	26.4078	39.6117	2,112.62	4,577.35	54,928.22
		STEP F	27.7282	41.5923	2,218.25	4,806.22	57,674.65
		STEP G	29.1146	43.6719	2,329.16	5,046.53	60,558.36
		STEP H	30.5703	45.8554	2,445.62	5,298.85	63,586.22
1227	CITY CLERK TECHNICIAN II	STEP A	23.9007	35.8510	1,912.05	4,142.78	49,713.45
		STEP B	25.0957	37.6435	2,007.65	4,349.92	52,199.05
		STEP C	26.3505	39.5257	2,108.04	4,567.42	54,809.04
		STEP D	27.6681	41.5021	2,213.44	4,795.80	57,549.64
		STEP E	29.0515	43.5772	2,324.12	5,035.59	60,427.12
		STEP F	30.5040	45.7560	2,440.32	5,287.36	63,448.32
		STEP G	32.0292	48.0438	2,562.33	5,551.72	66,620.73
		STEP H	33.6307	50.4460	2,690.45	5,829.32	69,951.85

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1364	CODE ENFORCEMENT INSPECTOR I						
		STEP A	22.1000	33.1500	1,768.00	3,830.66	45,968.00
		STEP B	23.2051	34.8076	1,856.40	4,022.21	48,266.60
		STEP C	24.3654	36.5481	1,949.23	4,223.33	50,680.03
		STEP D	25.5836	38.3754	2,046.68	4,434.49	53,213.88
		STEP E	26.8628	40.2942	2,149.02	4,656.21	55,874.62
		STEP F	28.2060	42.3090	2,256.48	4,889.04	58,668.48
		STEP G	29.6162	44.4243	2,369.29	5,133.47	61,601.69
		STEP H	31.0970	46.6455	2,487.76	5,390.14	64,681.76
1369	CODE ENFORCEMENT INSPECTOR II						
		STEP A	24.3102	36.4653	1,944.81	4,213.76	50,565.21
		STEP B	25.5256	38.2884	2,042.04	4,424.43	53,093.24
		STEP C	26.8019	40.2028	2,144.15	4,645.66	55,747.95
		STEP D	28.1417	42.2125	2,251.33	4,877.89	58,534.73
		STEP E	29.5490	44.3235	2,363.92	5,121.82	61,461.92
		STEP F	31.0265	46.5397	2,482.12	5,377.92	64,535.12
		STEP G	32.5780	48.8670	2,606.24	5,646.85	67,762.24
		STEP H	34.2067	51.3100	2,736.53	5,929.16	71,149.93
1401	COMMUNITY RELATIONS ANALYST						
		STEP A	28.5163	42.7744	2,281.30	4,942.82	59,313.90
		STEP B	29.9421	44.9131	2,395.36	5,189.96	62,279.56
		STEP C	31.4392	47.1588	2,515.13	5,449.46	65,393.53
		STEP D	33.0112	49.5168	2,640.89	5,721.94	68,663.29
		STEP E	34.6617	51.9925	2,772.93	6,008.02	72,096.33
		STEP F	36.3948	54.5922	2,911.58	6,308.43	75,701.18
		STEP G	38.2146	57.3219	3,057.16	6,623.86	79,486.36
		STEP H	40.1253	60.1879	3,210.02	6,955.05	83,460.62
1248	CONSTRUCTION INSPECTION SUPV						
		STEP A	33.3482	50.0223	2,667.85	5,780.35	69,364.25
		STEP B	35.0156	52.5234	2,801.24	6,069.37	72,832.44
		STEP C	36.7663	55.1494	2,941.30	6,372.82	76,473.90
		STEP D	38.6047	57.9070	3,088.37	6,691.48	80,297.77
		STEP E	40.5349	60.8023	3,242.79	7,026.04	84,312.59
		STEP F	42.5616	63.8424	3,404.92	7,377.34	88,528.12
		STEP G	44.6897	67.0345	3,575.17	7,746.21	92,954.57
		STEP H	46.9242	70.3863	3,753.93	8,133.52	97,602.33

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1432	CONSTRUCTION INSPECTOR I						
		STEP A	23.9633	35.9449	1,917.06	4,153.63	49,843.66
		STEP B	25.1614	37.7421	2,012.91	4,361.30	52,335.71
		STEP C	26.4195	39.6292	2,113.56	4,579.38	54,952.56
		STEP D	27.7405	41.6107	2,219.24	4,808.35	57,700.24
		STEP E	29.1275	43.6912	2,330.20	5,048.76	60,585.20
		STEP F	30.5839	45.8758	2,446.71	5,301.20	63,614.51
		STEP G	32.1130	48.1695	2,569.04	5,566.25	66,795.04
		STEP H	33.7187	50.5780	2,697.49	5,844.57	70,134.89
1434	CONSTRUCTION INSPECTOR II						
		STEP A	26.3622	39.5433	2,108.97	4,569.44	54,833.37
		STEP B	27.6803	41.5204	2,214.42	4,797.91	57,575.02
		STEP C	29.0643	43.5964	2,325.14	5,037.81	60,453.74
		STEP D	30.5175	45.7762	2,441.40	5,289.70	63,476.40
		STEP E	32.0434	48.0651	2,563.47	5,554.18	66,650.27
		STEP F	33.6455	50.4682	2,691.64	5,831.88	69,982.64
		STEP G	35.3278	52.9917	2,826.22	6,123.48	73,481.82
		STEP H	37.0942	55.6413	2,967.53	6,429.66	77,155.93
1450	COURIER						
		STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.5098	24.7647	1,320.78	2,861.69	34,340.38
		STEP C	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP D	18.2019	27.3028	1,456.15	3,155.00	37,859.95
		STEP E	19.1122	28.6683	1,528.97	3,312.78	39,753.37
		STEP F	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP G	21.0712	31.6068	1,685.69	3,652.34	43,828.09
		STEP H	22.1245	33.1867	1,769.96	3,834.91	46,018.96
1485	CUSTODIAN						
		STEP A	17.4198	26.1297	1,393.58	3,019.43	36,233.18
		STEP B	18.2907	27.4360	1,463.25	3,170.38	38,044.65
		STEP C	19.2053	28.8079	1,536.42	3,328.91	39,947.02
		STEP D	20.1654	30.2481	1,613.23	3,495.33	41,944.03
		STEP E	21.1737	31.7605	1,693.89	3,670.10	44,041.29
		STEP F	22.2323	33.3484	1,778.58	3,853.59	46,243.18
		STEP G	23.3442	35.0163	1,867.53	4,046.32	48,555.93
		STEP H	24.5113	36.7669	1,960.90	4,248.62	50,983.50

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1546	DATA MANAGEMENT SPECIALIST I						
		STEP A	28.5122	42.7683	2,280.97	4,942.11	59,305.37
		STEP B	29.5632	44.3448	2,365.05	5,124.28	61,491.45
		STEP C	31.0414	46.5621	2,483.31	5,380.50	64,566.11
		STEP D	32.5936	48.8904	2,607.48	5,649.55	67,794.68
		STEP E	34.2231	51.3346	2,737.84	5,932.00	71,184.04
		STEP F	35.9344	53.9016	2,874.75	6,228.62	74,743.55
		STEP G	37.7309	56.5963	3,018.47	6,540.02	78,480.27
		STEP H	39.6175	59.4262	3,169.40	6,867.03	82,404.40
1548	DATA MANAGEMENT SPECIALIST II						
		STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	32.5196	48.7794	2,601.56	5,636.73	67,640.76
		STEP C	34.1458	51.2187	2,731.66	5,918.60	71,023.26
		STEP D	35.8531	53.7796	2,868.24	6,214.53	74,574.44
		STEP E	37.6456	56.4684	3,011.64	6,525.23	78,302.84
		STEP F	39.5280	59.2920	3,162.24	6,851.52	82,218.24
		STEP G	41.5043	62.2564	3,320.34	7,194.07	86,328.94
		STEP H	43.5794	65.3691	3,486.35	7,553.76	90,645.15
1551	DATABASE ANALYST I						
		STEP A	30.6536	45.9804	2,452.28	5,313.29	63,759.48
		STEP B	32.1861	48.2791	2,574.88	5,578.92	66,947.08
		STEP C	33.7956	50.6934	2,703.64	5,857.90	70,294.84
		STEP D	35.4852	53.2278	2,838.81	6,150.76	73,809.21
		STEP E	37.2596	55.8894	2,980.76	6,458.33	77,499.96
		STEP F	39.1225	58.6837	3,129.80	6,781.23	81,374.80
		STEP G	41.0787	61.6180	3,286.29	7,120.30	85,443.69
		STEP H	43.1326	64.6989	3,450.60	7,476.31	89,715.80
1552	DATABASE ANALYST II						
		STEP A	33.7190	50.5785	2,697.52	5,844.62	70,135.52
		STEP B	35.4049	53.1073	2,832.39	6,136.84	73,642.19
		STEP C	37.1753	55.7629	2,974.02	6,443.71	77,324.62
		STEP D	39.0340	58.5510	3,122.72	6,765.89	81,190.72
		STEP E	40.9857	61.4785	3,278.85	7,104.18	85,250.25
		STEP F	43.0350	64.5525	3,442.80	7,459.40	89,512.80
		STEP G	45.1867	67.7800	3,614.93	7,832.36	93,988.33
		STEP H	47.4458	71.1687	3,795.66	8,223.93	98,687.26

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1660	DEPUTY CITY CLERK I						
		STEP A	15.9592	23.9388	1,276.73	2,766.26	33,195.13
		STEP B	16.7574	25.1361	1,340.59	2,904.61	34,855.39
		STEP C	17.5951	26.3926	1,407.60	3,049.81	36,597.80
		STEP D	18.4749	27.7123	1,477.99	3,202.31	38,427.79
		STEP E	19.3987	29.0980	1,551.89	3,362.44	40,349.29
		STEP F	20.3688	30.5532	1,629.50	3,530.59	42,367.10
		STEP G	21.3871	32.0806	1,710.96	3,707.09	44,485.16
		STEP H	22.4565	33.6847	1,796.52	3,892.46	46,709.52
1665	DEPUTY CITY CLERK II						
		STEP A	17.5551	26.3326	1,404.40	3,042.88	36,514.60
		STEP B	18.4329	27.6493	1,474.63	3,195.03	38,340.43
		STEP C	19.3545	29.0317	1,548.36	3,354.78	40,257.36
		STEP D	20.3224	30.4836	1,625.79	3,522.54	42,270.59
		STEP E	21.3384	32.0076	1,707.07	3,698.65	44,383.87
		STEP F	22.4053	33.6079	1,792.42	3,883.58	46,603.02
		STEP G	23.5256	35.2884	1,882.04	4,077.77	48,933.24
		STEP H	24.7020	37.0530	1,976.16	4,281.68	51,380.16
1282	DEVELOPMENT SERVICES ANALYST						
		STEP A	30.8338	46.2507	2,466.70	5,344.52	64,134.30
		STEP B	32.3755	48.5632	2,590.04	5,611.75	67,341.04
		STEP C	33.9943	50.9914	2,719.54	5,892.34	70,708.14
		STEP D	35.6940	53.5410	2,855.52	6,186.96	74,243.52
		STEP E	37.4787	56.2180	2,998.29	6,496.30	77,955.69
		STEP F	39.3527	59.0290	3,148.21	6,821.13	81,853.61
		STEP G	41.3203	61.9804	3,305.62	7,162.18	85,946.22
		STEP H	43.3863	65.0794	3,470.90	7,520.29	90,243.50
1670	DEVELOPMENT TECHNICIAN I						
		STEP A	21.9680	32.9520	1,757.44	3,807.78	45,693.44
		STEP B	23.0665	34.5997	1,845.32	3,998.19	47,978.32
		STEP C	24.2197	36.3295	1,937.57	4,198.08	50,376.97
		STEP D	25.4308	38.1462	2,034.46	4,408.00	52,896.06
		STEP E	26.7024	40.0536	2,136.19	4,628.41	55,540.99
		STEP F	28.0376	42.0564	2,243.00	4,859.85	58,318.20
		STEP G	29.4393	44.1589	2,355.14	5,102.81	61,233.74
		STEP H	30.9113	46.3669	2,472.90	5,357.95	64,295.50

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1672	DEVELOPMENT TECHNICIAN II						
		STEP A	24.1648	36.2472	1,933.18	4,188.56	50,262.78
		STEP B	25.3732	38.0598	2,029.85	4,398.02	52,776.25
		STEP C	26.6417	39.9625	2,131.33	4,617.89	55,414.73
		STEP D	27.9739	41.9608	2,237.91	4,848.80	58,185.71
		STEP E	29.3725	44.0587	2,349.80	5,091.23	61,094.80
		STEP F	30.8413	46.2619	2,467.30	5,345.82	64,149.90
		STEP G	32.3833	48.5749	2,590.66	5,613.10	67,357.26
		STEP H	34.0024	51.0036	2,720.19	5,893.74	70,724.99
2466	ENERGY PROGRAM TECHNICIAN						
		STEP A	22.3391	33.5086	1,787.12	3,872.11	46,465.32
		STEP B	23.4560	35.1840	1,876.48	4,065.70	48,788.48
		STEP C	24.6288	36.9432	1,970.30	4,268.99	51,227.90
		STEP D	25.8603	38.7904	2,068.82	4,482.45	53,789.42
		STEP E	27.1533	40.7299	2,172.26	4,706.57	56,478.86
		STEP F	28.5109	42.7663	2,280.87	4,941.88	59,302.67
		STEP G	29.9365	44.9047	2,394.92	5,188.99	62,267.92
		STEP H	31.4333	47.1499	2,514.66	5,448.43	65,381.26
1300	ENGINEERING TECHNICIAN I						
		STEP A	21.1552	31.7328	1,692.41	3,666.90	44,002.81
		STEP B	22.2130	33.3195	1,777.04	3,850.25	46,203.04
		STEP C	23.3236	34.9854	1,865.88	4,042.75	48,513.08
		STEP D	24.4898	36.7347	1,959.18	4,244.89	50,938.78
		STEP E	25.7143	38.5714	2,057.14	4,457.14	53,485.74
		STEP F	27.0000	40.5000	2,160.00	4,680.00	56,160.00
		STEP G	28.3500	42.5250	2,268.00	4,914.00	58,968.00
		STEP H	29.7675	44.6512	2,381.40	5,159.70	61,916.40
1350	ENGINEERING TECHNICIAN II						
		STEP A	23.2707	34.9060	1,861.65	4,033.58	48,403.05
		STEP B	24.4342	36.6513	1,954.73	4,235.26	50,823.13
		STEP C	25.6559	38.4838	2,052.47	4,447.02	53,364.27
		STEP D	26.9387	40.4080	2,155.09	4,669.37	56,032.49
		STEP E	28.2857	42.4285	2,262.85	4,902.85	58,834.25
		STEP F	29.7000	44.5500	2,376.00	5,148.00	61,776.00
		STEP G	31.1850	46.7775	2,494.80	5,405.40	64,864.80
		STEP H	32.7442	49.1163	2,619.53	5,675.66	68,107.93

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2542	ENVIRONMENTAL COMPL SPEC I						
		STEP A	23.0837	34.6255	1,846.69	4,001.17	48,014.09
		STEP B	24.2379	36.3568	1,939.03	4,201.23	50,414.83
		STEP C	25.4498	38.1747	2,035.98	4,411.29	52,935.58
		STEP D	26.7223	40.0834	2,137.78	4,631.86	55,582.38
		STEP E	28.0584	42.0876	2,244.67	4,863.45	58,361.47
		STEP F	29.4613	44.1919	2,356.90	5,106.62	61,279.50
		STEP G	30.9344	46.4016	2,474.75	5,361.96	64,343.55
		STEP H	32.4811	48.7216	2,598.48	5,630.05	67,560.68
2544	ENVIRONMENTAL COMPL SPEC II						
		STEP A	25.3897	38.0845	2,031.17	4,400.88	52,810.57
		STEP B	26.6592	39.9888	2,132.73	4,620.92	55,451.13
		STEP C	27.9922	41.9883	2,239.37	4,851.98	58,223.77
		STEP D	29.3918	44.0877	2,351.34	5,094.57	61,134.94
		STEP E	30.8614	46.2921	2,468.91	5,349.30	64,191.71
		STEP F	32.4044	48.6066	2,592.35	5,616.76	67,401.15
		STEP G	34.0247	51.0370	2,721.97	5,897.61	70,771.37
		STEP H	35.7259	53.5888	2,858.07	6,192.48	74,309.87
2560	EQUIPMENT SERVICEWORKER						
		STEP A	19.1038	28.6557	1,528.30	3,311.32	39,735.90
		STEP B	20.0590	30.0885	1,604.72	3,476.89	41,722.72
		STEP C	21.0621	31.5931	1,684.96	3,650.76	43,809.16
		STEP D	22.1152	33.1728	1,769.21	3,833.30	45,999.61
		STEP E	23.2209	34.8313	1,857.67	4,024.95	48,299.47
		STEP F	24.3820	36.5730	1,950.56	4,226.21	50,714.56
		STEP G	25.6010	38.4015	2,048.08	4,437.50	53,250.08
		STEP H	26.8812	40.3218	2,150.49	4,659.40	55,912.89
9549	ERP BUSINESS ANALYST I						
		STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	33.4960	50.2440	2,679.68	5,805.97	69,671.68
		STEP C	35.1708	52.7562	2,813.66	6,096.27	73,155.26
		STEP D	36.9293	55.3939	2,954.34	6,401.07	76,812.94
		STEP E	38.7758	58.1637	3,102.06	6,721.13	80,653.66
		STEP F	40.7146	61.0719	3,257.16	7,057.19	84,686.36
		STEP G	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP H	44.8878	67.3317	3,591.02	7,780.55	93,366.62

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9550	ERP BUSINESS ANALYST II						
		STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	36.7913	55.1869	2,943.30	6,377.15	76,525.90
		STEP C	38.6308	57.9462	3,090.46	6,696.00	80,352.06
		STEP D	40.5624	60.8436	3,244.99	7,030.81	84,369.79
		STEP E	42.5905	63.8857	3,407.24	7,382.35	88,588.24
		STEP F	44.7200	67.0800	3,577.60	7,751.46	93,017.60
		STEP G	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP H	49.3038	73.9557	3,944.30	8,545.99	102,551.90
3334	FINANCE CLERK I						
		STEP A	16.5094	24.7641	1,320.75	2,861.62	34,339.55
		STEP B	17.3348	26.0022	1,386.78	3,004.69	36,056.38
		STEP C	18.2016	27.3024	1,456.12	3,154.94	37,859.32
		STEP D	19.1118	28.6677	1,528.94	3,312.71	39,752.54
		STEP E	20.0673	30.1009	1,605.38	3,478.33	41,739.98
		STEP F	21.0708	31.6062	1,685.66	3,652.27	43,827.26
		STEP G	22.1242	33.1863	1,769.93	3,834.86	46,018.33
		STEP H	23.2305	34.8457	1,858.44	4,026.62	48,319.44
3335	FINANCE CLERK II						
		STEP A	18.1604	27.2406	1,452.83	3,147.80	37,773.63
		STEP B	19.0686	28.6029	1,525.48	3,305.22	39,662.68
		STEP C	20.0219	30.0328	1,601.75	3,470.46	41,645.55
		STEP D	21.0228	31.5342	1,681.82	3,643.95	43,727.42
		STEP E	22.0741	33.1111	1,765.92	3,826.17	45,914.12
		STEP F	23.1778	34.7667	1,854.22	4,017.48	48,209.82
		STEP G	24.3367	36.5050	1,946.93	4,218.36	50,620.33
		STEP H	25.5534	38.3301	2,044.27	4,429.25	53,151.07
3325	FINANCE TECHNICIAN I						
		STEP A	18.9576	28.4364	1,516.60	3,285.98	39,431.80
		STEP B	19.9055	29.8582	1,592.44	3,450.28	41,403.44
		STEP C	20.9008	31.3512	1,672.06	3,622.80	43,473.66
		STEP D	21.9457	32.9185	1,755.65	3,803.92	45,647.05
		STEP E	23.0431	34.5646	1,843.44	3,994.13	47,929.64
		STEP F	24.1952	36.2928	1,935.61	4,193.83	50,326.01
		STEP G	25.4050	38.1075	2,032.40	4,403.53	52,842.40
		STEP H	26.6752	40.0128	2,134.01	4,623.70	55,484.41

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3326	FINANCE TECHNICIAN II						
		STEP A	20.8535	31.2802	1,668.28	3,614.60	43,375.28
		STEP B	21.8960	32.8440	1,751.68	3,795.30	45,543.68
		STEP C	22.9912	34.4868	1,839.29	3,985.14	47,821.69
		STEP D	24.1404	36.2106	1,931.23	4,184.33	50,212.03
		STEP E	25.3474	38.0211	2,027.79	4,393.54	52,722.59
		STEP F	26.6150	39.9225	2,129.20	4,613.26	55,359.20
		STEP G	27.9457	41.9185	2,235.65	4,843.92	58,127.05
		STEP H	29.3427	44.0140	2,347.41	5,086.06	61,032.81
3314	FINANCE UTIL BILLING ANALYST I						
		STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	33.4960	50.2440	2,679.68	5,805.97	69,671.68
		STEP C	35.1708	52.7562	2,813.66	6,096.27	73,155.26
		STEP D	36.9293	55.3939	2,954.34	6,401.07	76,812.94
		STEP E	38.7758	58.1637	3,102.06	6,721.13	80,653.66
		STEP F	40.7146	61.0719	3,257.16	7,057.19	84,686.36
		STEP G	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP H	44.8878	67.3317	3,591.02	7,780.55	93,366.62
3315	FINANCE UTIL BILLNG ANALYST II						
		STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	36.7913	55.1869	2,943.30	6,377.15	76,525.90
		STEP C	38.6308	57.9462	3,090.46	6,696.00	80,352.06
		STEP D	40.5624	60.8436	3,244.99	7,030.81	84,369.79
		STEP E	42.5905	63.8857	3,407.24	7,382.35	88,588.24
		STEP F	44.7200	67.0800	3,577.60	7,751.46	93,017.60
		STEP G	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP H	49.3038	73.9557	3,944.30	8,545.99	102,551.90
3316	FINANCIAL ANALYST I						
		STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	33.4960	50.2440	2,679.68	5,805.97	69,671.68
		STEP C	35.1708	52.7562	2,813.66	6,096.27	73,155.26
		STEP D	36.9293	55.3939	2,954.34	6,401.07	76,812.94
		STEP E	38.7758	58.1637	3,102.06	6,721.13	80,653.66
		STEP F	40.7146	61.0719	3,257.16	7,057.19	84,686.36
		STEP G	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP H	44.8878	67.3317	3,591.02	7,780.55	93,366.62

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3318	FINANCIAL ANALYST II						
		STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	36.7913	55.1869	2,943.30	6,377.15	76,525.90
		STEP C	38.6308	57.9462	3,090.46	6,696.00	80,352.06
		STEP D	40.5624	60.8436	3,244.99	7,030.81	84,369.79
		STEP E	42.5905	63.8857	3,407.24	7,382.35	88,588.24
		STEP F	44.7200	67.0800	3,577.60	7,751.46	93,017.60
		STEP G	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP H	49.3038	73.9557	3,944.30	8,545.99	102,551.90
3319	FLEET MANAGEMENT TECHNICIAN						
		STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.9109	41.8663	2,232.87	4,837.88	58,054.67
		STEP C	29.3065	43.9597	2,344.52	5,079.79	60,957.52
		STEP D	30.7716	46.1574	2,461.72	5,333.74	64,004.92
		STEP E	32.3103	48.4654	2,584.82	5,600.45	67,205.42
		STEP F	33.9259	50.8888	2,714.07	5,880.48	70,565.87
		STEP G	35.6222	53.4333	2,849.77	6,174.51	74,094.17
		STEP H	37.4032	56.1048	2,992.25	6,483.22	77,798.65
3410	GIS ANALYST I						
		STEP A	26.4993	39.7489	2,119.94	4,593.21	55,118.54
		STEP B	27.8243	41.7364	2,225.94	4,822.87	57,874.54
		STEP C	29.2156	43.8234	2,337.24	5,064.03	60,768.44
		STEP D	30.6763	46.0144	2,454.10	5,317.22	63,806.70
		STEP E	32.2102	48.3153	2,576.81	5,583.10	66,997.21
		STEP F	33.8205	50.7307	2,705.64	5,862.22	70,346.64
		STEP G	35.5117	53.2675	2,840.93	6,155.36	73,864.33
		STEP H	37.2871	55.9306	2,982.96	6,463.09	77,557.16
3412	GIS ANALYST II						
		STEP A	29.3657	44.0485	2,349.25	5,090.05	61,080.65
		STEP B	30.8340	46.2510	2,466.72	5,344.56	64,134.72
		STEP C	32.3756	48.5634	2,590.04	5,611.77	67,341.24
		STEP D	33.9943	50.9914	2,719.54	5,892.34	70,708.14
		STEP E	35.6941	53.5411	2,855.52	6,186.97	74,243.72
		STEP F	37.4789	56.2183	2,998.31	6,496.34	77,956.11
		STEP G	39.3527	59.0290	3,148.21	6,821.13	81,853.61
		STEP H	41.3203	61.9804	3,305.62	7,162.18	85,946.22

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2213	GIS TECHNICIAN I	STEP A	21.1552	31.7328	1,692.41	3,666.90	44,002.81
		STEP B	22.2129	33.3193	1,777.03	3,850.23	46,202.83
		STEP C	23.3236	34.9854	1,865.88	4,042.75	48,513.08
		STEP D	24.4898	36.7347	1,959.18	4,244.89	50,938.78
		STEP E	25.7142	38.5713	2,057.13	4,457.12	53,485.53
		STEP F	27.0000	40.5000	2,160.00	4,680.00	56,160.00
		STEP G	28.3500	42.5250	2,268.00	4,914.00	58,968.00
		STEP H	29.7675	44.6512	2,381.40	5,159.70	61,916.40
2214	GIS TECHNICIAN II	STEP A	23.2707	34.9060	1,861.65	4,033.58	48,403.05
		STEP B	24.4342	36.6513	1,954.73	4,235.26	50,823.13
		STEP C	25.6559	38.4838	2,052.47	4,447.02	53,364.27
		STEP D	26.9387	40.4080	2,155.09	4,669.37	56,032.49
		STEP E	28.2857	42.4285	2,262.85	4,902.85	58,834.25
		STEP F	29.7000	44.5500	2,376.00	5,148.00	61,776.00
		STEP G	31.1850	46.7775	2,494.80	5,405.40	64,864.80
		STEP H	32.7442	49.1163	2,619.53	5,675.66	68,107.93
3401	HOUSING ANALYST I	STEP A	26.6686	40.0029	2,133.48	4,622.55	55,470.68
		STEP B	28.0021	42.0031	2,240.16	4,853.69	58,244.36
		STEP C	29.4021	44.1031	2,352.16	5,096.36	61,156.36
		STEP D	30.8721	46.3081	2,469.76	5,351.16	64,213.96
		STEP E	32.4157	48.6235	2,593.25	5,618.72	67,424.65
		STEP F	34.0367	51.0550	2,722.93	5,899.69	70,796.33
		STEP G	35.7385	53.6077	2,859.08	6,194.67	74,336.08
		STEP H	37.5254	56.2881	3,002.03	6,504.40	78,052.83
3402	HOUSING ANALYST II	STEP A	29.3354	44.0031	2,346.83	5,084.80	61,017.63
		STEP B	30.8023	46.2034	2,464.18	5,339.06	64,068.78
		STEP C	32.3425	48.5137	2,587.40	5,606.03	67,272.40
		STEP D	33.9595	50.9392	2,716.76	5,886.31	70,635.76
		STEP E	35.6578	53.4867	2,852.62	6,180.68	74,168.22
		STEP F	37.4405	56.1607	2,995.24	6,489.68	77,876.24
		STEP G	39.3128	58.9692	3,145.02	6,814.21	81,770.62
		STEP H	41.2781	61.9171	3,302.24	7,154.87	85,858.44

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3591	HOUSING TECHNICIAN I	STEP A	20.3504	30.5256	1,628.03	3,527.40	42,328.83
		STEP B	21.3680	32.0520	1,709.44	3,703.78	44,445.44
		STEP C	22.4364	33.6546	1,794.91	3,888.97	46,667.71
		STEP D	23.5582	35.3373	1,884.65	4,083.42	49,001.05
		STEP E	24.7361	37.1041	1,978.88	4,287.59	51,451.08
		STEP F	25.9729	38.9593	2,077.83	4,501.96	54,023.63
		STEP G	27.2715	40.9072	2,181.72	4,727.06	56,724.72
		STEP H	28.6351	42.9526	2,290.80	4,963.41	59,561.00
3592	HOUSING TECHNICIAN II	STEP A	22.3877	33.5815	1,791.01	3,880.53	46,566.41
		STEP B	23.5071	35.2606	1,880.56	4,074.56	48,894.76
		STEP C	24.6824	37.0236	1,974.59	4,278.28	51,339.39
		STEP D	25.9165	38.8747	2,073.32	4,492.19	53,906.32
		STEP E	27.2124	40.8186	2,176.99	4,716.81	56,601.79
		STEP F	28.5730	42.8595	2,285.84	4,952.65	59,431.84
		STEP G	30.0016	45.0024	2,400.12	5,200.27	62,403.32
		STEP H	31.5017	47.2525	2,520.13	5,460.29	65,523.53
3604	INDUSTRIAL WASTE SPECIALIST	STEP A	28.1256	42.1884	2,250.04	4,875.10	58,501.24
		STEP B	29.5318	44.2977	2,362.54	5,118.84	61,426.14
		STEP C	31.0084	46.5126	2,480.67	5,374.78	64,497.47
		STEP D	32.5589	48.8383	2,604.71	5,643.54	67,722.51
		STEP E	34.1868	51.2802	2,734.94	5,925.71	71,108.54
		STEP F	35.8961	53.8441	2,871.68	6,221.99	74,663.88
		STEP G	37.6910	56.5365	3,015.28	6,533.10	78,397.28
		STEP H	39.5755	59.3632	3,166.04	6,859.75	82,317.04
3610	INDUSTRIAL WASTE TECHNICIAN	STEP A	24.4546	36.6819	1,956.36	4,238.79	50,865.56
		STEP B	25.6773	38.5159	2,054.18	4,450.73	53,408.78
		STEP C	26.9612	40.4418	2,156.89	4,673.27	56,079.29
		STEP D	28.3093	42.4639	2,264.74	4,906.94	58,883.34
		STEP E	29.7247	44.5870	2,377.97	5,152.28	61,827.37
		STEP F	31.2110	46.8165	2,496.88	5,409.90	64,918.88
		STEP G	32.7715	49.1572	2,621.72	5,680.39	68,164.72
		STEP H	34.4101	51.6151	2,752.80	5,964.41	71,573.00

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3730	INTERPRETIVE SRVC SPECIALST I						
		STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	21.3189	31.9783	1,705.51	3,695.27	44,343.31
		STEP C	22.3849	33.5773	1,790.79	3,880.04	46,560.59
		STEP D	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP E	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP F	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP G	27.2090	40.8135	2,176.72	4,716.22	56,594.72
		STEP H	28.5694	42.8541	2,285.55	4,952.02	59,424.35
3732	INTERPRETIVE SRVC SPECIALST II						
		STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	23.4508	35.1762	1,876.06	4,064.80	48,777.66
		STEP C	24.6233	36.9349	1,969.86	4,268.03	51,216.46
		STEP D	25.8545	38.7817	2,068.36	4,481.44	53,777.36
		STEP E	27.1472	40.7208	2,171.77	4,705.51	56,466.17
		STEP F	28.5046	42.7569	2,280.36	4,940.79	59,289.56
		STEP G	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP H	31.4263	47.1394	2,514.10	5,447.22	65,366.70
5075	IRRIGATION TECHNICIAN						
		STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.9479	38.9218	2,075.83	4,497.63	53,971.63
		STEP C	27.2452	40.8678	2,179.61	4,722.50	56,670.01
		STEP D	28.6074	42.9111	2,288.59	4,958.61	59,503.39
		STEP E	30.0379	45.0568	2,403.03	5,206.56	62,478.83
		STEP F	31.5397	47.3095	2,523.17	5,466.88	65,602.57
		STEP G	33.1167	49.6750	2,649.33	5,740.22	68,882.73
		STEP H	34.7725	52.1587	2,781.80	6,027.23	72,326.80
3793	IT ANALYST I						
		STEP A	27.9469	41.9203	2,235.75	4,844.12	58,129.55
		STEP B	29.3442	44.0163	2,347.53	5,086.32	61,035.93
		STEP C	30.8113	46.2169	2,464.90	5,340.62	64,087.50
		STEP D	32.3520	48.5280	2,588.16	5,607.68	67,292.16
		STEP E	33.9697	50.9545	2,717.57	5,888.08	70,656.97
		STEP F	35.6682	53.5023	2,853.45	6,182.48	74,189.85
		STEP G	37.4514	56.1771	2,996.11	6,491.57	77,898.91
		STEP H	39.3241	58.9861	3,145.92	6,816.17	81,794.12

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3794	IT ANALYST II						
		STEP A	30.7418	46.1127	2,459.34	5,328.57	63,942.94
		STEP B	32.2787	48.4180	2,582.29	5,594.97	67,139.69
		STEP C	33.8927	50.8390	2,711.41	5,874.73	70,496.81
		STEP D	35.5872	53.3808	2,846.97	6,168.44	74,021.37
		STEP E	37.3667	56.0500	2,989.33	6,476.89	77,722.73
		STEP F	39.2352	58.8528	3,138.81	6,800.76	81,609.21
		STEP G	41.1968	61.7952	3,295.74	7,140.77	85,689.34
		STEP H	43.2565	64.8847	3,460.52	7,497.79	89,973.52
3616	IT PLANNING & POLICY TECH						
		STEP A	23.9838	35.9757	1,918.70	4,157.19	49,886.30
		STEP B	25.1830	37.7745	2,014.64	4,365.05	52,380.64
		STEP C	26.4421	39.6631	2,115.36	4,583.29	54,999.56
		STEP D	27.7642	41.6463	2,221.13	4,812.46	57,749.53
		STEP E	29.1524	43.7286	2,332.19	5,053.08	60,636.99
		STEP F	30.6101	45.9151	2,448.80	5,305.75	63,669.00
		STEP G	32.1406	48.2109	2,571.24	5,571.03	66,852.44
		STEP H	33.7476	50.6214	2,699.80	5,849.58	70,195.00
3617	IT TECHNICIAN I						
		STEP A	21.7292	32.5938	1,738.33	3,766.39	45,196.73
		STEP B	22.8157	34.2235	1,825.25	3,954.72	47,456.65
		STEP C	23.9565	35.9347	1,916.52	4,152.46	49,829.52
		STEP D	25.1543	37.7314	2,012.34	4,360.07	52,320.94
		STEP E	26.4120	39.6180	2,112.96	4,578.08	54,936.96
		STEP F	27.7326	41.5989	2,218.60	4,806.98	57,683.80
		STEP G	29.1192	43.6788	2,329.53	5,047.32	60,567.93
		STEP H	30.5752	45.8628	2,446.01	5,299.70	63,596.41
3618	IT TECHNICIAN II						
		STEP A	23.9021	35.8531	1,912.16	4,143.03	49,716.36
		STEP B	25.0972	37.6458	2,007.77	4,350.18	52,202.17
		STEP C	26.3520	39.5280	2,108.16	4,567.68	54,812.16
		STEP D	27.6696	41.5044	2,213.56	4,796.06	57,552.76
		STEP E	29.0531	43.5796	2,324.24	5,035.87	60,430.44
		STEP F	30.5058	45.7587	2,440.46	5,287.67	63,452.06
		STEP G	32.0310	48.0465	2,562.48	5,552.04	66,624.48
		STEP H	33.6326	50.4489	2,690.60	5,829.65	69,955.80

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3792	JR ENGINEER	STEP A	29.2990	43.9485	2,343.92	5,078.49	60,941.92
		STEP B	30.7640	46.1460	2,461.12	5,332.42	63,989.12
		STEP C	32.3022	48.4533	2,584.17	5,599.04	67,188.57
		STEP D	33.9173	50.8759	2,713.38	5,879.00	70,547.98
		STEP E	35.6132	53.4198	2,849.05	6,172.95	74,075.45
		STEP F	37.3938	56.0907	2,991.50	6,481.59	77,779.10
		STEP G	39.2635	58.8952	3,141.08	6,805.67	81,668.08
		STEP H	41.2267	61.8400	3,298.13	7,145.96	85,751.53
4010	LABORATORY TECHNICIAN I	STEP A	20.2263	30.3394	1,618.10	3,505.89	42,070.70
		STEP B	21.2377	31.8565	1,699.01	3,681.20	44,174.41
		STEP C	22.2995	33.4492	1,783.96	3,865.24	46,382.96
		STEP D	23.4145	35.1217	1,873.16	4,058.51	48,702.16
		STEP E	24.5852	36.8778	1,966.81	4,261.43	51,137.21
		STEP F	25.8145	38.7217	2,065.16	4,474.51	53,694.16
		STEP G	27.1052	40.6578	2,168.41	4,698.23	56,378.81
		STEP H	28.4605	42.6907	2,276.84	4,933.15	59,197.84
4020	LABORATORY TECHNICIAN II	STEP A	22.2315	33.3472	1,778.52	3,853.46	46,241.52
		STEP B	23.3431	35.0146	1,867.44	4,046.13	48,553.64
		STEP C	24.5103	36.7654	1,960.82	4,248.45	50,981.42
		STEP D	25.7358	38.6037	2,058.86	4,460.87	53,530.46
		STEP E	27.0226	40.5339	2,161.80	4,683.91	56,207.00
		STEP F	28.3737	42.5605	2,269.89	4,918.10	59,017.29
		STEP G	29.7924	44.6886	2,383.39	5,164.01	61,968.19
		STEP H	31.2820	46.9230	2,502.56	5,422.21	65,066.56
4151	LIBRARIAN I	STEP A	22.9630	34.4445	1,837.04	3,980.25	47,763.04
		STEP B	24.1111	36.1666	1,928.88	4,179.25	50,151.08
		STEP C	25.3167	37.9750	2,025.33	4,388.22	52,658.73
		STEP D	26.5825	39.8737	2,126.60	4,607.63	55,291.60
		STEP E	27.9116	41.8674	2,232.92	4,838.01	58,056.12
		STEP F	29.3072	43.9608	2,344.57	5,079.91	60,958.97
		STEP G	30.7726	46.1589	2,461.80	5,333.91	64,007.00
		STEP H	32.3112	48.4668	2,584.89	5,600.60	67,207.29

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4152	LIBRARIAN II	STEP A	25.2592	37.8888	2,020.73	4,378.26	52,539.13
		STEP B	26.5221	39.7831	2,121.76	4,597.16	55,165.96
		STEP C	27.8482	41.7723	2,227.85	4,827.02	57,924.25
		STEP D	29.2407	43.8610	2,339.25	5,068.38	60,820.65
		STEP E	30.7027	46.0540	2,456.21	5,321.80	63,861.61
		STEP F	32.2378	48.3567	2,579.02	5,587.88	67,054.62
		STEP G	33.8497	50.7745	2,707.97	5,867.28	70,407.37
		STEP H	35.5422	53.3133	2,843.37	6,160.64	73,927.77
4200	LIBRARY ASSISTANT I	STEP A	16.3923	24.5884	1,311.38	2,841.33	34,095.98
		STEP B	17.2121	25.8181	1,376.96	2,983.43	35,801.16
		STEP C	18.0726	27.1089	1,445.80	3,132.58	37,591.00
		STEP D	18.9763	28.4644	1,518.10	3,289.22	39,470.70
		STEP E	19.9250	29.8875	1,594.00	3,453.66	41,444.00
		STEP F	20.9213	31.3819	1,673.70	3,626.35	43,516.30
		STEP G	21.9673	32.9509	1,757.38	3,807.66	45,691.98
		STEP H	23.0657	34.5985	1,845.25	3,998.05	47,976.65
4210	LIBRARY ASSISTANT II	STEP A	18.0316	27.0474	1,442.52	3,125.47	37,505.72
		STEP B	18.9333	28.3999	1,514.66	3,281.77	39,381.26
		STEP C	19.8799	29.8198	1,590.39	3,445.84	41,350.19
		STEP D	20.8738	31.3107	1,669.90	3,618.12	43,417.50
		STEP E	21.9176	32.8764	1,753.40	3,799.05	45,588.60
		STEP F	23.0134	34.5201	1,841.07	3,988.98	47,867.87
		STEP G	24.1641	36.2461	1,933.12	4,188.44	50,261.32
		STEP H	25.3723	38.0584	2,029.78	4,397.86	52,774.38
4250	LIBRARY TECHNICIAN	STEP A	21.9609	32.9413	1,756.87	3,806.55	45,678.67
		STEP B	23.0591	34.5886	1,844.72	3,996.91	47,962.92
		STEP C	24.2119	36.3178	1,936.95	4,196.72	50,360.75
		STEP D	25.4226	38.1339	2,033.80	4,406.58	52,879.00
		STEP E	26.6937	40.0405	2,135.49	4,626.90	55,522.89
		STEP F	28.0283	42.0424	2,242.26	4,858.23	58,298.86
		STEP G	29.4298	44.1447	2,354.38	5,101.16	61,213.98
		STEP H	30.9012	46.3518	2,472.09	5,356.20	64,274.49

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4516	MARKETING & COMMUNIC ANALYST I						
		STEP A	25.9239	38.8858	2,073.91	4,493.47	53,921.71
		STEP B	27.2201	40.8301	2,177.60	4,718.15	56,617.80
		STEP C	28.5812	42.8718	2,286.49	4,954.07	59,448.89
		STEP D	30.0102	45.0153	2,400.81	5,201.76	62,421.21
		STEP E	31.5107	47.2660	2,520.85	5,461.85	65,542.25
		STEP F	33.0863	49.6294	2,646.90	5,734.95	68,819.50
		STEP G	34.7406	52.1109	2,779.24	6,021.70	72,260.44
		STEP H	36.4776	54.7164	2,918.20	6,322.78	75,873.40
4517	MARKETING & COMMUNIC ANALYST II						
		STEP A	28.5163	42.7744	2,281.30	4,942.82	59,313.90
		STEP B	29.9421	44.9131	2,395.36	5,189.96	62,279.56
		STEP C	31.4392	47.1588	2,515.13	5,449.46	65,393.53
		STEP D	33.0112	49.5168	2,640.89	5,721.94	68,663.29
		STEP E	34.6617	51.9925	2,772.93	6,008.02	72,096.33
		STEP F	36.3948	54.5922	2,911.58	6,308.43	75,701.18
		STEP G	38.2146	57.3219	3,057.16	6,623.86	79,486.36
		STEP H	40.1253	60.1879	3,210.02	6,955.05	83,460.62
4500	MECHANIC I						
		STEP A	21.9682	32.9523	1,757.45	3,807.82	45,693.85
		STEP B	23.0668	34.6002	1,845.34	3,998.24	47,978.94
		STEP C	24.2200	36.3300	1,937.60	4,198.13	50,377.60
		STEP D	25.4310	38.1465	2,034.48	4,408.04	52,896.48
		STEP E	26.7027	40.0540	2,136.21	4,628.46	55,541.61
		STEP F	28.0378	42.0567	2,243.02	4,859.88	58,318.62
		STEP G	29.4396	44.1594	2,355.16	5,102.86	61,234.36
		STEP H	30.9116	46.3674	2,472.92	5,358.01	64,296.12
4501	MECHANIC II						
		STEP A	24.1651	36.2476	1,933.20	4,188.61	50,263.40
		STEP B	25.3735	38.0602	2,029.88	4,398.07	52,776.88
		STEP C	26.6422	39.9633	2,131.37	4,617.98	55,415.77
		STEP D	27.9744	41.9616	2,237.95	4,848.89	58,186.75
		STEP E	29.3731	44.0596	2,349.84	5,091.33	61,096.04
		STEP F	30.8418	46.2627	2,467.34	5,345.91	64,150.94
		STEP G	32.3840	48.5760	2,590.72	5,613.22	67,358.72
		STEP H	34.0034	51.0051	2,720.27	5,893.92	70,727.07

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4540	METER READER						
		STEP A	19.4909	29.2363	1,559.27	3,378.42	40,541.07
		STEP B	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP C	21.4886	32.2329	1,719.08	3,724.69	44,696.28
		STEP D	22.5631	33.8446	1,805.04	3,910.93	46,931.24
		STEP E	23.6912	35.5368	1,895.29	4,106.47	49,277.69
		STEP F	24.8759	37.3138	1,990.07	4,311.82	51,741.87
		STEP G	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP H	27.4258	41.1387	2,194.06	4,753.80	57,045.66
4534	METER SERVICE WORKER						
		STEP A	20.4653	30.6979	1,637.22	3,547.31	42,567.82
		STEP B	21.4883	32.2324	1,719.06	3,724.63	44,695.66
		STEP C	22.5629	33.8443	1,805.03	3,910.90	46,930.83
		STEP D	23.6910	35.5365	1,895.28	4,106.44	49,277.28
		STEP E	24.8756	37.3134	1,990.04	4,311.77	51,741.24
		STEP F	26.1193	39.1789	2,089.54	4,527.34	54,328.14
		STEP G	27.4251	41.1376	2,194.00	4,753.68	57,044.20
		STEP H	28.7965	43.1947	2,303.72	4,991.39	59,896.72
9555	NATURAL RESOURCE SPECIALIST I						
		STEP A	23.5867	35.3800	1,886.93	4,088.36	49,060.33
		STEP B	24.7660	37.1490	1,981.28	4,292.77	51,513.28
		STEP C	26.0043	39.0064	2,080.34	4,507.41	54,088.94
		STEP D	27.3045	40.9567	2,184.36	4,732.78	56,793.36
		STEP E	28.6697	43.0045	2,293.57	4,969.41	59,632.97
		STEP F	30.1032	45.1548	2,408.25	5,217.88	62,614.65
		STEP G	31.6084	47.4126	2,528.67	5,478.78	65,745.47
		STEP H	33.1888	49.7832	2,655.10	5,752.72	69,032.70
9545	NATURAL RESOURCE SPECIALIST II						
		STEP A	25.9453	38.9179	2,075.62	4,497.18	53,966.22
		STEP B	27.2426	40.8639	2,179.40	4,722.05	56,664.60
		STEP C	28.6047	42.9070	2,288.37	4,958.14	59,497.77
		STEP D	30.0350	45.0525	2,402.80	5,206.06	62,472.80
		STEP E	31.5367	47.3050	2,522.93	5,466.36	65,596.33
		STEP F	33.1136	49.6704	2,649.08	5,739.69	68,876.28
		STEP G	34.7692	52.1538	2,781.53	6,026.66	72,319.93
		STEP H	36.5077	54.7615	2,920.61	6,328.00	75,936.01

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4870	NATURAL RESOURCES WKR I						
		STEP A	18.6048	27.9072	1,488.38	3,224.83	38,697.98
		STEP B	19.5351	29.3026	1,562.80	3,386.08	40,633.00
		STEP C	20.5119	30.7678	1,640.95	3,555.39	42,664.75
		STEP D	21.5375	32.3062	1,723.00	3,733.16	44,798.00
		STEP E	22.6143	33.9214	1,809.14	3,919.81	47,037.74
		STEP F	23.7451	35.6176	1,899.60	4,115.81	49,389.80
		STEP G	24.9324	37.3986	1,994.59	4,321.61	51,859.39
		STEP H	26.1789	39.2683	2,094.31	4,537.67	54,452.11
4872	NATURAL RESOURCES WKR II						
		STEP A	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP B	21.4888	32.2332	1,719.10	3,724.72	44,696.70
		STEP C	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP D	23.6913	35.5369	1,895.30	4,106.49	49,277.90
		STEP E	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP F	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP G	27.4258	41.1387	2,194.06	4,753.80	57,045.66
		STEP H	28.7970	43.1955	2,303.76	4,991.48	59,897.76
4956	OFFICE ASSISTANT I						
		STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.5098	24.7647	1,320.78	2,861.69	34,340.38
		STEP C	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP D	18.2019	27.3028	1,456.15	3,155.00	37,859.95
		STEP E	19.1122	28.6683	1,528.97	3,312.78	39,753.37
		STEP F	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP G	21.0712	31.6068	1,685.69	3,652.34	43,828.09
		STEP H	22.1245	33.1867	1,769.96	3,834.91	46,018.96
4957	OFFICE ASSISTANT II						
		STEP A	17.2957	25.9435	1,383.65	2,997.92	35,975.05
		STEP B	18.1606	27.2409	1,452.84	3,147.83	37,774.04
		STEP C	19.0687	28.6030	1,525.49	3,305.24	39,662.89
		STEP D	20.0221	30.0331	1,601.76	3,470.49	41,645.96
		STEP E	21.0230	31.5345	1,681.84	3,643.98	43,727.84
		STEP F	22.0743	33.1114	1,765.94	3,826.21	45,914.54
		STEP G	23.1781	34.7671	1,854.24	4,017.53	48,210.44
		STEP H	24.3369	36.5053	1,946.95	4,218.39	50,620.75

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5070	PARKS MAINTENANCE WORKER I						
		STEP A	17.7189	26.5783	1,417.51	3,071.27	36,855.31
		STEP B	18.6050	27.9075	1,488.40	3,224.86	38,698.40
		STEP C	19.5351	29.3026	1,562.80	3,386.08	40,633.00
		STEP D	20.5120	30.7680	1,640.96	3,555.41	42,664.96
		STEP E	21.5374	32.3061	1,722.99	3,733.14	44,797.79
		STEP F	22.6142	33.9213	1,809.13	3,919.79	47,037.53
		STEP G	23.7451	35.6176	1,899.60	4,115.81	49,389.80
		STEP H	24.9324	37.3986	1,994.59	4,321.61	51,859.39
5080	PARKS MAINTENANCE WORKER II						
		STEP A	19.4909	29.2363	1,559.27	3,378.42	40,541.07
		STEP B	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP C	21.4886	32.2329	1,719.08	3,724.69	44,696.28
		STEP D	22.5631	33.8446	1,805.04	3,910.93	46,931.24
		STEP E	23.6912	35.5368	1,895.29	4,106.47	49,277.69
		STEP F	24.8762	37.3143	1,990.09	4,311.87	51,742.49
		STEP G	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP H	27.4258	41.1387	2,194.06	4,753.80	57,045.66
1278	PARKS PROJECT TECHNICIAN						
		STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.9479	38.9218	2,075.83	4,497.63	53,971.63
		STEP C	27.2453	40.8679	2,179.62	4,722.51	56,670.22
		STEP D	28.6076	42.9114	2,288.60	4,958.65	59,503.80
		STEP E	30.0380	45.0570	2,403.04	5,206.58	62,479.04
		STEP F	31.5399	47.3098	2,523.19	5,466.91	65,602.99
		STEP G	33.1169	49.6753	2,649.35	5,740.26	68,883.15
		STEP H	34.7727	52.1590	2,781.81	6,027.26	72,327.21
5045	PARKS, REC & LIBRARIES TECH						
		STEP A	22.5961	33.8941	1,807.68	3,916.65	46,999.88
		STEP B	23.7260	35.5890	1,898.08	4,112.50	49,350.08
		STEP C	24.9122	37.3683	1,992.97	4,318.11	51,817.37
		STEP D	26.1578	39.2367	2,092.62	4,534.01	54,408.22
		STEP E	27.4657	41.1985	2,197.25	4,760.72	57,128.65
		STEP F	28.8389	43.2583	2,307.11	4,998.74	59,984.91
		STEP G	30.2809	45.4213	2,422.47	5,248.68	62,984.27
		STEP H	31.7949	47.6923	2,543.59	5,511.11	66,133.39

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9556	PARKS,REC&LIB COORDINATOR I						
		STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	21.3189	31.9783	1,705.51	3,695.27	44,343.31
		STEP C	22.3849	33.5773	1,790.79	3,880.04	46,560.59
		STEP D	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP E	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP F	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP G	27.2090	40.8135	2,176.72	4,716.22	56,594.72
		STEP H	28.5694	42.8541	2,285.55	4,952.02	59,424.35
9543	PARKS,REC&LIB COORDINATOR II						
		STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	23.4508	35.1762	1,876.06	4,064.80	48,777.66
		STEP C	24.6233	36.9349	1,969.86	4,268.03	51,216.46
		STEP D	25.8545	38.7817	2,068.36	4,481.44	53,777.36
		STEP E	27.1472	40.7208	2,171.77	4,705.51	56,466.17
		STEP F	28.5046	42.7569	2,280.36	4,940.79	59,289.56
		STEP G	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP H	31.4263	47.1394	2,514.10	5,447.22	65,366.70
9548	PASSPORT/LIVESCAN AGENT						
		STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.5096	24.7644	1,320.76	2,861.66	34,339.96
		STEP C	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP D	18.2019	27.3028	1,456.15	3,155.00	37,859.95
		STEP E	19.1120	28.6680	1,528.96	3,312.74	39,752.96
		STEP F	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP G	21.0709	31.6063	1,685.67	3,652.28	43,827.47
		STEP H	22.1245	33.1867	1,769.96	3,834.91	46,018.96
5245	PERMIT ANALYST						
		STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	32.5196	48.7794	2,601.56	5,636.73	67,640.76
		STEP C	34.1458	51.2187	2,731.66	5,918.60	71,023.26
		STEP D	35.8531	53.7796	2,868.24	6,214.53	74,574.44
		STEP E	37.6456	56.4684	3,011.64	6,525.23	78,302.84
		STEP F	39.5280	59.2920	3,162.24	6,851.52	82,218.24
		STEP G	41.5043	62.2564	3,320.34	7,194.07	86,328.94
		STEP H	43.5794	65.3691	3,486.35	7,553.76	90,645.15

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
5277	PERMITS TECHNICIAN I						
		STEP A	21.9680	32.9520	1,757.44	3,807.78	45,693.44
		STEP B	23.0665	34.5997	1,845.32	3,998.19	47,978.32
		STEP C	24.2197	36.3295	1,937.57	4,198.08	50,376.97
		STEP D	25.4308	38.1462	2,034.46	4,408.00	52,896.06
		STEP E	26.7024	40.0536	2,136.19	4,628.41	55,540.99
		STEP F	28.0376	42.0564	2,243.00	4,859.85	58,318.20
		STEP G	29.4393	44.1589	2,355.14	5,102.81	61,233.74
		STEP H	30.9113	46.3669	2,472.90	5,357.95	64,295.50
5279	PERMITS TECHNICIAN II						
		STEP A	24.1648	36.2472	1,933.18	4,188.56	50,262.78
		STEP B	25.3732	38.0598	2,029.85	4,398.02	52,776.25
		STEP C	26.6417	39.9625	2,131.33	4,617.89	55,414.73
		STEP D	27.9739	41.9608	2,237.91	4,848.80	58,185.71
		STEP E	29.3725	44.0587	2,349.80	5,091.23	61,094.80
		STEP F	30.8413	46.2619	2,467.30	5,345.82	64,149.90
		STEP G	32.3833	48.5749	2,590.66	5,613.10	67,357.26
		STEP H	34.0024	51.0036	2,720.19	5,893.74	70,724.99
5560	PROJECT COORDINATOR						
		STEP A	28.9983	43.4974	2,319.86	5,026.37	60,316.46
		STEP B	30.4482	45.6723	2,435.85	5,277.68	63,332.25
		STEP C	31.9706	47.9559	2,557.64	5,541.57	66,498.84
		STEP D	33.5691	50.3536	2,685.52	5,818.64	69,823.72
		STEP E	35.2476	52.8714	2,819.80	6,109.58	73,315.00
		STEP F	37.0100	55.5150	2,960.80	6,415.06	76,980.80
		STEP G	38.8605	58.2907	3,108.84	6,735.82	80,829.84
		STEP H	40.8035	61.2052	3,264.28	7,072.60	84,871.28
8304	RECREATION LEADER						
		STEP A	17.2957	25.9435	1,383.65	2,997.92	35,975.05
		STEP B	18.1606	27.2409	1,452.84	3,147.83	37,774.04
		STEP C	19.0687	28.6030	1,525.49	3,305.24	39,662.89
		STEP D	20.0221	30.0331	1,601.76	3,470.49	41,645.96
		STEP E	21.0230	31.5345	1,681.84	3,643.98	43,727.84
		STEP F	22.0743	33.1114	1,765.94	3,826.21	45,914.54
		STEP G	23.1781	34.7671	1,854.24	4,017.53	48,210.44
		STEP H	24.3369	36.5053	1,946.95	4,218.39	50,620.75

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
6150	RECYCLING & ORGANICS COORDNTR						
		STEP A	26.5678	39.8517	2,125.42	4,605.08	55,261.02
		STEP B	27.8963	41.8444	2,231.70	4,835.35	58,024.30
		STEP C	29.2910	43.9365	2,343.28	5,077.10	60,925.28
		STEP D	30.7557	46.1335	2,460.45	5,330.98	63,971.85
		STEP E	32.2934	48.4401	2,583.47	5,597.52	67,170.27
		STEP F	33.9081	50.8621	2,712.64	5,877.40	70,528.84
		STEP G	35.6035	53.4052	2,848.28	6,171.27	74,055.28
		STEP H	37.3837	56.0755	2,990.69	6,479.84	77,758.09
6225	REFUSE MAINTENANCE WORKER I						
		STEP A	17.1728	25.7592	1,373.82	2,976.61	35,719.42
		STEP B	18.0315	27.0472	1,442.52	3,125.46	37,505.52
		STEP C	18.9332	28.3998	1,514.65	3,281.75	39,381.05
		STEP D	19.8798	29.8197	1,590.38	3,445.83	41,349.98
		STEP E	20.8737	31.3105	1,669.89	3,618.10	43,417.29
		STEP F	21.9175	32.8762	1,753.40	3,799.03	45,588.40
		STEP G	23.0133	34.5199	1,841.06	3,988.97	47,867.66
		STEP H	24.1639	36.2458	1,933.11	4,188.40	50,260.91
6226	REFUSE MAINTENANCE WORKER II						
		STEP A	20.4653	30.6979	1,637.22	3,547.31	42,567.82
		STEP B	21.4883	32.2324	1,719.06	3,724.63	44,695.66
		STEP C	22.5629	33.8443	1,805.03	3,910.90	46,930.83
		STEP D	23.6910	35.5365	1,895.28	4,106.44	49,277.28
		STEP E	24.8756	37.3134	1,990.04	4,311.77	51,741.24
		STEP F	26.1193	39.1789	2,089.54	4,527.34	54,328.14
		STEP G	27.4251	41.1376	2,194.00	4,753.68	57,044.20
		STEP H	28.7965	43.1947	2,303.72	4,991.39	59,896.72
6302	REFUSE TRUCK DRIVER I						
		STEP A	18.3278	27.4917	1,466.22	3,176.81	38,121.82
		STEP B	19.2441	28.8661	1,539.52	3,335.64	40,027.72
		STEP C	20.2064	30.3096	1,616.51	3,502.44	42,029.31
		STEP D	21.2168	31.8252	1,697.34	3,677.57	44,130.94
		STEP E	22.2776	33.4164	1,782.20	3,861.45	46,337.40
		STEP F	23.3916	35.0874	1,871.32	4,054.54	48,654.52
		STEP G	24.5611	36.8416	1,964.88	4,257.25	51,087.08
		STEP H	25.7891	38.6836	2,063.12	4,470.11	53,641.32

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
6304	REFUSE TRUCK DRIVER II						
		STEP A	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP B	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP C	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP D	24.8763	37.3144	1,990.10	4,311.89	51,742.70
		STEP E	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP F	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP G	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP H	30.2371	45.3556	2,418.96	5,241.09	62,893.16
7324	SOLID WASTE BILLING TECH						
		STEP A	20.8535	31.2802	1,668.28	3,614.60	43,375.28
		STEP B	21.8960	32.8440	1,751.68	3,795.30	45,543.68
		STEP C	22.9912	34.4868	1,839.29	3,985.14	47,821.69
		STEP D	24.1404	36.2106	1,931.23	4,184.33	50,212.03
		STEP E	25.3474	38.0211	2,027.79	4,393.54	52,722.59
		STEP F	26.6150	39.9225	2,129.20	4,613.26	55,359.20
		STEP G	27.9457	41.9185	2,235.65	4,843.92	58,127.05
		STEP H	29.3427	44.0140	2,347.41	5,086.06	61,032.81
7117	SR BUILDING INSPECTOR						
		STEP A	30.0999	45.1498	2,407.99	5,217.31	62,607.79
		STEP B	31.6049	47.4073	2,528.39	5,478.18	65,738.19
		STEP C	33.1852	49.7778	2,654.81	5,752.10	69,025.21
		STEP D	34.8444	52.2666	2,787.55	6,039.69	72,476.35
		STEP E	36.5866	54.8799	2,926.92	6,341.67	76,100.12
		STEP F	38.4160	57.6240	3,073.28	6,658.77	79,905.28
		STEP G	40.3368	60.5052	3,226.94	6,991.71	83,900.54
		STEP H	42.3536	63.5304	3,388.28	7,341.29	88,095.48
7119	SR BUILDING MAINTENANCE WKR						
		STEP A	25.1326	37.6989	2,010.60	4,356.31	52,275.80
		STEP B	26.3892	39.5838	2,111.13	4,574.12	54,889.53
		STEP C	27.7087	41.5630	2,216.69	4,802.84	57,634.09
		STEP D	29.0941	43.6411	2,327.52	5,042.97	60,515.72
		STEP E	30.5488	45.8232	2,443.90	5,295.12	63,541.50
		STEP F	32.0763	48.1144	2,566.10	5,559.89	66,718.70
		STEP G	33.6801	50.5201	2,694.40	5,837.88	70,054.60
		STEP H	35.3641	53.0461	2,829.12	6,129.77	73,557.32

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
7195	SR BUILDING PLANS EXAMINER						
		STEP A	31.1606	46.7409	2,492.84	5,401.17	64,814.04
		STEP B	32.7186	49.0779	2,617.48	5,671.22	68,054.68
		STEP C	34.3546	51.5319	2,748.36	5,954.79	71,457.56
		STEP D	36.0723	54.1084	2,885.78	6,252.53	75,030.38
		STEP E	37.8759	56.8138	3,030.07	6,565.15	78,781.87
		STEP F	39.7697	59.6545	3,181.57	6,893.41	82,720.97
		STEP G	41.7582	62.6373	3,340.65	7,238.08	86,857.05
		STEP H	43.8461	65.7691	3,507.68	7,599.99	91,199.88
7139	SR BUYER						
		STEP A	26.0604	39.0906	2,084.83	4,517.13	54,205.63
		STEP B	27.3634	41.0451	2,189.07	4,742.98	56,915.87
		STEP C	28.7317	43.0975	2,298.53	4,980.16	59,761.93
		STEP D	30.1682	45.2523	2,413.45	5,229.15	62,749.85
		STEP E	31.6766	47.5149	2,534.12	5,490.61	65,887.32
		STEP F	33.2605	49.8907	2,660.84	5,765.15	69,181.84
		STEP G	34.9235	52.3852	2,793.88	6,053.40	72,640.88
		STEP H	36.6696	55.0044	2,933.56	6,356.06	76,272.76
7134	SR CODE ENFORCEMENT INSPECTOR						
		STEP A	30.0999	45.1498	2,407.99	5,217.31	62,607.79
		STEP B	31.6049	47.4073	2,528.39	5,478.18	65,738.19
		STEP C	33.1852	49.7778	2,654.81	5,752.10	69,025.21
		STEP D	34.8444	52.2666	2,787.55	6,039.69	72,476.35
		STEP E	36.5866	54.8799	2,926.92	6,341.67	76,100.12
		STEP F	38.4160	57.6240	3,073.28	6,658.77	79,905.28
		STEP G	40.3368	60.5052	3,226.94	6,991.71	83,900.54
		STEP H	42.3536	63.5304	3,388.28	7,341.29	88,095.48
7121	SR CONSTRUCTION INSPECTOR						
		STEP A	28.9983	43.4974	2,319.86	5,026.37	60,316.46
		STEP B	30.4482	45.6723	2,435.85	5,277.68	63,332.25
		STEP C	31.9706	47.9559	2,557.64	5,541.57	66,498.84
		STEP D	33.5691	50.3536	2,685.52	5,818.64	69,823.72
		STEP E	35.2476	52.8714	2,819.80	6,109.58	73,315.00
		STEP F	37.0100	55.5150	2,960.80	6,415.06	76,980.80
		STEP G	38.8605	58.2907	3,108.84	6,735.82	80,829.84
		STEP H	40.8035	61.2052	3,264.28	7,072.60	84,871.28

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
7144	SR CUSTODIAN	STEP A	19.1617	28.7425	1,532.93	3,321.36	39,856.33
		STEP B	20.1198	30.1797	1,609.58	3,487.43	41,849.18
		STEP C	21.1256	31.6884	1,690.04	3,661.77	43,941.24
		STEP D	22.1819	33.2728	1,774.55	3,844.86	46,138.35
		STEP E	23.2909	34.9363	1,863.27	4,037.08	48,445.07
		STEP F	24.4556	36.6834	1,956.44	4,238.97	50,867.64
		STEP G	25.6784	38.5176	2,054.27	4,450.92	53,411.07
		STEP H	26.9623	40.4434	2,156.98	4,673.46	56,081.58
7162	SR ENGINEERING TECHNICIAN	STEP A	25.5916	38.3874	2,047.32	4,435.87	53,230.52
		STEP B	26.8711	40.3066	2,149.68	4,657.65	55,891.88
		STEP C	28.2147	42.3220	2,257.17	4,890.54	58,686.57
		STEP D	29.6254	44.4381	2,370.03	5,135.06	61,620.83
		STEP E	31.1067	46.6600	2,488.53	5,391.82	64,701.93
		STEP F	32.6620	48.9930	2,612.96	5,661.41	67,936.96
		STEP G	34.2951	51.4426	2,743.60	5,944.48	71,333.80
		STEP H	36.0099	54.0148	2,880.79	6,241.71	74,900.59
7146	SR FINANCE CLERK	STEP A	19.9737	29.9605	1,597.89	3,462.10	41,545.29
		STEP B	20.9724	31.4586	1,677.79	3,635.21	43,622.59
		STEP C	22.0211	33.0316	1,761.68	3,816.99	45,803.88
		STEP D	23.1221	34.6831	1,849.76	4,007.83	48,093.96
		STEP E	24.2782	36.4173	1,942.25	4,208.22	50,498.65
		STEP F	25.4921	38.2381	2,039.36	4,418.63	53,023.56
		STEP G	26.7666	40.1499	2,141.32	4,639.54	55,674.52
		STEP H	28.1051	42.1576	2,248.40	4,871.55	58,458.60
7147	SR FINANCE TECHNICIAN	STEP A	22.9387	34.4080	1,835.09	3,976.04	47,712.49
		STEP B	24.0857	36.1285	1,926.85	4,174.85	50,098.25
		STEP C	25.2900	37.9350	2,023.20	4,383.60	52,603.20
		STEP D	26.5546	39.8319	2,124.36	4,602.79	55,233.56
		STEP E	27.8823	41.8234	2,230.58	4,832.93	57,995.18
		STEP F	29.2764	43.9146	2,342.11	5,074.57	60,894.91
		STEP G	30.7400	46.1100	2,459.20	5,328.26	63,939.20
		STEP H	32.2771	48.4156	2,582.16	5,594.69	67,136.36

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7148	SR HOUSING TECHNICIAN						
		STEP A	24.5598	36.8397	1,964.78	4,257.03	51,084.38
		STEP B	25.7878	38.6817	2,063.02	4,469.88	53,638.62
		STEP C	27.0772	40.6158	2,166.17	4,693.38	56,320.57
		STEP D	28.4310	42.6465	2,274.48	4,928.04	59,136.48
		STEP E	29.8526	44.7789	2,388.20	5,174.45	62,093.40
		STEP F	31.3452	47.0178	2,507.61	5,433.16	65,198.01
		STEP G	32.9125	49.3687	2,633.00	5,704.83	68,458.00
		STEP H	34.5581	51.8371	2,764.64	5,990.07	71,880.84
3733	SR INTERPRETIVE SRVCS SPECIAL						
		STEP A	24.4298	36.6447	1,954.38	4,234.49	50,813.98
		STEP B	25.6514	38.4771	2,052.11	4,446.24	53,354.91
		STEP C	26.9339	40.4008	2,154.71	4,668.54	56,022.51
		STEP D	28.2806	42.4209	2,262.44	4,901.97	58,823.64
		STEP E	29.6946	44.5419	2,375.56	5,147.06	61,764.76
		STEP F	31.1794	46.7691	2,494.35	5,404.42	64,853.15
		STEP G	32.7383	49.1074	2,619.06	5,674.63	68,095.66
		STEP H	34.3752	51.5628	2,750.01	5,958.36	71,500.41
7149	SR IT TECHNICIAN						
		STEP A	26.2922	39.4383	2,103.37	4,557.31	54,687.77
		STEP B	27.6068	41.4102	2,208.54	4,785.17	57,422.14
		STEP C	28.9872	43.4808	2,318.97	5,024.44	60,293.37
		STEP D	30.4365	45.6547	2,434.92	5,275.66	63,307.92
		STEP E	31.9584	47.9376	2,556.67	5,539.45	66,473.47
		STEP F	33.5563	50.3344	2,684.50	5,816.42	69,797.10
		STEP G	35.2341	52.8511	2,818.72	6,107.24	73,286.92
		STEP H	36.9958	55.4937	2,959.66	6,412.60	76,951.26
7189	SR MECHANIC						
		STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.9109	41.8663	2,232.87	4,837.88	58,054.67
		STEP C	29.3065	43.9597	2,344.52	5,079.79	60,957.52
		STEP D	30.7716	46.1574	2,461.72	5,333.74	64,004.92
		STEP E	32.3103	48.4654	2,584.82	5,600.45	67,205.42
		STEP F	33.9259	50.8888	2,714.07	5,880.48	70,565.87
		STEP G	35.6222	53.4333	2,849.77	6,174.51	74,094.17
		STEP H	37.4032	56.1048	2,992.25	6,483.22	77,798.65

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Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
7200	SR METER SERVICE WORKER						
		STEP A	22.5118	33.7677	1,800.94	3,902.04	46,824.54
		STEP B	23.6374	35.4561	1,890.99	4,097.14	49,165.79
		STEP C	24.8190	37.2285	1,985.52	4,301.96	51,623.52
		STEP D	26.0603	39.0904	2,084.82	4,517.11	54,205.42
		STEP E	27.3632	41.0448	2,189.05	4,742.95	56,915.45
		STEP F	28.7314	43.0971	2,298.51	4,980.10	59,761.31
		STEP G	30.1679	45.2518	2,413.43	5,229.10	62,749.23
		STEP H	31.6763	47.5144	2,534.10	5,490.55	65,886.70
7154	SR NATURAL RESOURCES WORKER						
		STEP A	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP B	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP C	24.8761	37.3141	1,990.08	4,311.85	51,742.28
		STEP D	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP E	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP F	28.7972	43.1958	2,303.77	4,991.51	59,898.17
		STEP G	30.2370	45.3555	2,418.96	5,241.08	62,892.96
		STEP H	31.7488	47.6232	2,539.90	5,503.12	66,037.50
7192	SR PARKS MAINTENANCE WORKER						
		STEP A	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP B	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP C	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP D	24.8763	37.3144	1,990.10	4,311.89	51,742.70
		STEP E	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP F	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP G	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP H	30.2371	45.3556	2,418.96	5,241.09	62,893.16
1502	SR PERMITS TECHNICIAN						
		STEP A	24.2582	36.3873	1,940.65	4,204.75	50,457.05
		STEP B	25.4711	38.2066	2,037.68	4,414.99	52,979.88
		STEP C	26.7446	40.1169	2,139.56	4,635.73	55,628.76
		STEP D	28.0818	42.1227	2,246.54	4,867.51	58,410.14
		STEP E	29.4859	44.2288	2,358.87	5,110.88	61,330.67
		STEP F	30.9602	46.4403	2,476.81	5,366.43	64,397.21
		STEP G	32.5082	48.7623	2,600.65	5,634.75	67,617.05
		STEP H	34.1337	51.2005	2,730.69	5,916.50	70,998.09

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7129	SR REFUSE TRUCK DRIVER						
		STEP A	23.6911	35.5366	1,895.28	4,106.45	49,277.48
		STEP B	24.8757	37.3135	1,990.05	4,311.78	51,741.45
		STEP C	26.1195	39.1792	2,089.56	4,527.38	54,328.56
		STEP D	27.4255	41.1382	2,194.04	4,753.75	57,045.04
		STEP E	28.7967	43.1950	2,303.73	4,991.42	59,897.13
		STEP F	30.2365	45.3547	2,418.92	5,240.99	62,891.92
		STEP G	31.7484	47.6226	2,539.87	5,503.05	66,036.67
		STEP H	33.3358	50.0037	2,666.86	5,778.20	69,338.46
1279	SR SOLID WASTE BILLING TECH						
		STEP A	22.9387	34.4080	1,835.09	3,976.04	47,712.49
		STEP B	24.0856	36.1284	1,926.84	4,174.83	50,098.04
		STEP C	25.2899	37.9348	2,023.19	4,383.58	52,602.99
		STEP D	26.5544	39.8316	2,124.35	4,602.76	55,233.15
		STEP E	27.8821	41.8231	2,230.56	4,832.89	57,994.76
		STEP F	29.2762	43.9143	2,342.09	5,074.54	60,894.49
		STEP G	30.7400	46.1100	2,459.20	5,328.26	63,939.20
		STEP H	32.2770	48.4155	2,582.16	5,594.68	67,136.16
7187	SR STREET MAINTENANCE WORKER						
		STEP A	22.9407	34.4110	1,835.25	3,976.38	47,716.65
		STEP B	24.0878	36.1317	1,927.02	4,175.21	50,102.62
		STEP C	25.2921	37.9381	2,023.36	4,383.96	52,607.56
		STEP D	26.5568	39.8352	2,124.54	4,603.17	55,238.14
		STEP E	27.8846	41.8269	2,230.76	4,833.33	57,999.96
		STEP F	29.2788	43.9182	2,342.30	5,074.99	60,899.90
		STEP G	30.7428	46.1142	2,459.42	5,328.75	63,945.02
		STEP H	32.2799	48.4198	2,582.39	5,595.18	67,142.19
7201	SR TREE TRIMMER						
		STEP A	22.5120	33.7680	1,800.96	3,902.08	46,824.96
		STEP B	23.6376	35.4564	1,891.00	4,097.18	49,166.20
		STEP C	24.8194	37.2291	1,985.55	4,302.02	51,624.35
		STEP D	26.0605	39.0907	2,084.84	4,517.15	54,205.84
		STEP E	27.3635	41.0452	2,189.08	4,743.00	56,916.08
		STEP F	28.7317	43.0975	2,298.53	4,980.16	59,761.93
		STEP G	30.1681	45.2521	2,413.44	5,229.13	62,749.64
		STEP H	31.6767	47.5150	2,534.13	5,490.62	65,887.53

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7203	SR WAREHOUSE WORKER						
		STEP A	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP B	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP C	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP D	24.8763	37.3144	1,990.10	4,311.89	51,742.70
		STEP E	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP F	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP G	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP H	30.2371	45.3556	2,418.96	5,241.09	62,893.16
7525	STREET MAINT WORKER I						
		STEP A	18.9612	28.4418	1,516.89	3,286.60	39,439.29
		STEP B	19.9093	29.8639	1,592.74	3,450.94	41,411.34
		STEP C	20.9047	31.3570	1,672.37	3,623.48	43,481.77
		STEP D	21.9499	32.9248	1,755.99	3,804.64	45,655.79
		STEP E	23.0474	34.5711	1,843.79	3,994.88	47,938.59
		STEP F	24.1998	36.2997	1,935.98	4,194.63	50,335.58
		STEP G	25.4098	38.1147	2,032.78	4,404.36	52,852.38
		STEP H	26.6803	40.0204	2,134.42	4,624.58	55,495.02
7530	STREET MAINT WORKER II						
		STEP A	20.8573	31.2859	1,668.58	3,615.26	43,383.18
		STEP B	21.9002	32.8503	1,752.01	3,796.03	45,552.41
		STEP C	22.9952	34.4928	1,839.61	3,985.83	47,830.01
		STEP D	24.1449	36.2173	1,931.59	4,185.11	50,221.39
		STEP E	25.3522	38.0283	2,028.17	4,394.38	52,732.57
		STEP F	26.6198	39.9297	2,129.58	4,614.09	55,369.18
		STEP G	27.9508	41.9262	2,236.06	4,844.80	58,137.66
		STEP H	29.3483	44.0224	2,347.86	5,087.03	61,044.46
7540	STREET SWEEPER OPERATOR						
		STEP A	21.8977	32.8465	1,751.81	3,795.60	45,547.21
		STEP B	22.9926	34.4889	1,839.40	3,985.38	47,824.60
		STEP C	24.1422	36.2133	1,931.37	4,184.64	50,215.77
		STEP D	25.3494	38.0241	2,027.95	4,393.89	52,726.75
		STEP E	26.6168	39.9252	2,129.34	4,613.57	55,362.94
		STEP F	27.9477	41.9215	2,235.81	4,844.26	58,131.21
		STEP G	29.3450	44.0175	2,347.60	5,086.46	61,037.60
		STEP H	30.8123	46.2184	2,464.98	5,340.79	64,089.58

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1503	TREE TRIMMER I	STEP A	18.6048	27.9072	1,488.38	3,224.83	38,697.98
		STEP B	19.5350	29.3025	1,562.80	3,386.06	40,632.80
		STEP C	20.5118	30.7677	1,640.94	3,555.37	42,664.54
		STEP D	21.5374	32.3061	1,722.99	3,733.14	44,797.79
		STEP E	22.6142	33.9213	1,809.13	3,919.79	47,037.53
		STEP F	23.7450	35.6175	1,899.60	4,115.80	49,389.60
		STEP G	24.9322	37.3983	1,994.57	4,321.58	51,858.97
		STEP H	26.1788	39.2682	2,094.30	4,537.65	54,451.90
1504	TREE TRIMMER II	STEP A	20.4654	30.6981	1,637.23	3,547.33	42,568.03
		STEP B	21.4885	32.2327	1,719.08	3,724.67	44,696.08
		STEP C	22.5631	33.8446	1,805.04	3,910.93	46,931.24
		STEP D	23.6911	35.5366	1,895.28	4,106.45	49,277.48
		STEP E	24.8758	37.3137	1,990.06	4,311.80	51,741.66
		STEP F	26.1197	39.1795	2,089.57	4,527.41	54,328.97
		STEP G	27.4257	41.1385	2,194.05	4,753.78	57,045.45
		STEP H	28.7967	43.1950	2,303.73	4,991.42	59,897.13
8938	VEHICLE MAINT PARTS BUYER	STEP A	21.4854	32.2281	1,718.83	3,724.13	44,689.63
		STEP B	22.5596	33.8394	1,804.76	3,910.33	46,923.96
		STEP C	23.6879	35.5318	1,895.03	4,105.90	49,270.83
		STEP D	24.8722	37.3083	1,989.77	4,311.18	51,734.17
		STEP E	26.1160	39.1740	2,089.28	4,526.77	54,321.28
		STEP F	27.4215	41.1322	2,193.72	4,753.06	57,036.72
		STEP G	28.7926	43.1889	2,303.40	4,990.71	59,888.60
		STEP H	30.2322	45.3483	2,418.57	5,240.24	62,882.97
8940	VEHICLE MAINT SERVICEWRITER	STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.9109	41.8663	2,232.87	4,837.88	58,054.67
		STEP C	29.3065	43.9597	2,344.52	5,079.79	60,957.52
		STEP D	30.7716	46.1574	2,461.72	5,333.74	64,004.92
		STEP E	32.3103	48.4654	2,584.82	5,600.45	67,205.42
		STEP F	33.9259	50.8888	2,714.07	5,880.48	70,565.87
		STEP G	35.6222	53.4333	2,849.77	6,174.51	74,094.17
		STEP H	37.4032	56.1048	2,992.25	6,483.22	77,798.65

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8426	VIDEO AND MULTIMEDIA TECH						
		STEP A	21.7659	32.6488	1,741.27	3,772.75	45,273.07
		STEP B	22.8542	34.2813	1,828.33	3,961.39	47,536.73
		STEP C	23.9969	35.9953	1,919.75	4,159.46	49,913.55
		STEP D	25.1968	37.7952	2,015.74	4,367.44	52,409.34
		STEP E	26.4566	39.6849	2,116.52	4,585.81	55,029.72
		STEP F	27.7794	41.6691	2,222.35	4,815.09	57,781.15
		STEP G	29.1684	43.7526	2,333.47	5,055.85	60,670.27
		STEP H	30.6268	45.9402	2,450.14	5,308.64	63,703.74
8951	WAREHOUSE WORKER I						
		STEP A	17.1728	25.7592	1,373.82	2,976.61	35,719.42
		STEP B	18.0315	27.0472	1,442.52	3,125.46	37,505.52
		STEP C	18.9332	28.3998	1,514.65	3,281.75	39,381.05
		STEP D	19.8798	29.8197	1,590.38	3,445.83	41,349.98
		STEP E	20.8737	31.3105	1,669.89	3,618.10	43,417.29
		STEP F	21.9175	32.8762	1,753.40	3,799.03	45,588.40
		STEP G	23.0133	34.5199	1,841.06	3,988.97	47,867.66
		STEP H	24.1639	36.2458	1,933.11	4,188.40	50,260.91
8952	WAREHOUSE WORKER II						
		STEP A	19.4909	29.2363	1,559.27	3,378.42	40,541.07
		STEP B	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP C	21.4886	32.2329	1,719.08	3,724.69	44,696.28
		STEP D	22.5631	33.8446	1,805.04	3,910.93	46,931.24
		STEP E	23.6912	35.5368	1,895.29	4,106.47	49,277.69
		STEP F	24.8759	37.3138	1,990.07	4,311.82	51,741.87
		STEP G	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP H	27.4258	41.1387	2,194.06	4,753.80	57,045.66
9200	WATER TRMT PLT OPR GD I 24HR						
		STEP A	14.6176	21.9264	1,637.17	3,547.20	42,566.45
		STEP B	15.3487	23.0230	1,719.05	3,724.61	44,695.41
		STEP C	16.1158	24.1737	1,804.96	3,910.76	46,929.20
		STEP D	16.9217	25.3825	1,895.23	4,106.33	49,275.99
		STEP E	17.7680	26.6520	1,990.01	4,311.70	51,740.41
		STEP F	18.6562	27.9843	2,089.49	4,527.23	54,326.85
		STEP G	19.5891	29.3836	2,193.97	4,753.62	57,043.45
		STEP H	20.5684	30.8526	2,303.66	4,991.26	59,895.18

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9232	WATER TRMT PLT OPR GD I 8HR						
		STEP A	20.4648	30.6972	1,637.18	3,547.23	42,566.78
		STEP B	21.4880	32.2320	1,719.04	3,724.58	44,695.04
		STEP C	22.5625	33.8437	1,805.00	3,910.83	46,930.00
		STEP D	23.6906	35.5359	1,895.24	4,106.37	49,276.44
		STEP E	24.8752	37.3128	1,990.01	4,311.70	51,740.41
		STEP F	26.1189	39.1783	2,089.51	4,527.27	54,327.31
		STEP G	27.4248	41.1372	2,193.98	4,753.63	57,043.58
		STEP H	28.7962	43.1943	2,303.69	4,991.34	59,896.09
9210	WATER TRMT PLT OPR GD II 24HR						
		STEP A	16.1303	24.1954	1,806.59	3,914.28	46,971.43
		STEP B	16.9368	25.4052	1,896.92	4,110.00	49,319.96
		STEP C	17.7836	26.6754	1,991.76	4,315.48	51,785.84
		STEP D	18.6727	28.0090	2,091.34	4,531.24	54,374.90
		STEP E	19.6065	29.4097	2,195.92	4,757.84	57,094.12
		STEP F	20.5867	30.8800	2,305.71	4,995.70	59,948.47
		STEP G	21.6160	32.4240	2,420.99	5,245.48	62,945.79
		STEP H	22.6969	34.0453	2,542.05	5,507.78	66,093.37
9234	WATER TRMT PLT OPR GD II 8HR						
		STEP A	22.5823	33.8734	1,806.58	3,914.26	46,971.18
		STEP B	23.7115	35.5672	1,896.92	4,109.99	49,319.92
		STEP C	24.8972	37.3458	1,991.77	4,315.51	51,786.17
		STEP D	26.1420	39.2130	2,091.36	4,531.28	54,375.36
		STEP E	27.4492	41.1738	2,195.93	4,757.86	57,094.33
		STEP F	28.8220	43.2330	2,305.76	4,995.81	59,949.76
		STEP G	30.2632	45.3948	2,421.05	5,245.62	62,947.45
		STEP H	31.7761	47.6641	2,542.08	5,507.85	66,094.28
9230	WATER TRMT PLT OPR GD III 24HR						
		STEP A	20.5693	30.8539	2,303.76	4,991.48	59,897.80
		STEP B	21.5980	32.3970	2,418.97	5,241.11	62,893.37
		STEP C	22.6777	34.0165	2,539.90	5,503.12	66,037.46
		STEP D	23.8114	35.7171	2,666.87	5,778.23	69,338.79
		STEP E	25.0021	37.5031	2,800.23	6,067.17	72,806.11
		STEP F	26.2524	39.3786	2,940.26	6,370.58	76,446.98
		STEP G	27.5650	41.3475	3,087.28	6,689.10	80,269.28
		STEP H	28.9429	43.4143	3,241.60	7,023.47	84,281.72

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9229	WATER TRMT PLT OPR GD III 8HR						
		STEP A	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP B	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP C	30.2370	45.3555	2,418.96	5,241.08	62,892.96
		STEP D	31.7488	47.6232	2,539.90	5,503.12	66,037.50
		STEP E	33.3363	50.0044	2,666.90	5,778.29	69,339.50
		STEP F	35.0033	52.5049	2,800.26	6,067.23	72,806.86
		STEP G	36.7533	55.1299	2,940.26	6,370.57	76,446.86
		STEP H	38.5911	57.8866	3,087.28	6,689.12	80,269.48
9000	WSTWTR TRMT PLT OPR GD I						
		STEP A	20.4649	30.6973	1,637.19	3,547.24	42,566.99
		STEP B	21.4881	32.2321	1,719.04	3,724.60	44,695.24
		STEP C	22.5627	33.8440	1,805.01	3,910.86	46,930.41
		STEP D	23.6908	35.5362	1,895.26	4,106.40	49,276.86
		STEP E	24.8754	37.3131	1,990.03	4,311.73	51,740.83
		STEP F	26.1190	39.1785	2,089.52	4,527.29	54,327.52
		STEP G	27.4249	41.1373	2,193.99	4,753.64	57,043.79
		STEP H	28.7962	43.1943	2,303.69	4,991.34	59,896.09
9010	WSTWTR TRMT PLT OPR GD II						
		STEP A	22.5825	33.8737	1,806.60	3,914.30	46,971.60
		STEP B	23.7115	35.5672	1,896.92	4,109.99	49,319.92
		STEP C	24.8972	37.3458	1,991.77	4,315.51	51,786.17
		STEP D	26.1419	39.2128	2,091.35	4,531.26	54,375.15
		STEP E	27.4491	41.1736	2,195.92	4,757.84	57,094.12
		STEP F	28.8214	43.2321	2,305.71	4,995.70	59,948.51
		STEP G	30.2628	45.3942	2,421.02	5,245.55	62,946.62
		STEP H	31.7758	47.6637	2,542.06	5,507.80	66,093.66
9025	WSTWTR TRMT PLT OPR GD III						
		STEP A	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP B	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP C	30.2370	45.3555	2,418.96	5,241.08	62,892.96
		STEP D	31.7488	47.6232	2,539.90	5,503.12	66,037.50
		STEP E	33.3363	50.0044	2,666.90	5,778.29	69,339.50
		STEP F	35.0026	52.5039	2,800.20	6,067.11	72,805.40
		STEP G	36.7535	55.1302	2,940.28	6,370.60	76,447.28
		STEP H	38.5909	57.8863	3,087.27	6,689.08	80,269.07

CITY OF ROSEVILLE

SALARY SCHEDULE A

Appendix: P

Percentage: 1.000

Effective Date: 05/11/2019

LO39 LOCAL 39

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
9030	WSTWTR TRMT PLT OPR GD IV						
		STEP A	33.0208	49.5312	2,641.66	5,723.60	68,683.26
		STEP B	34.6717	52.0075	2,773.73	6,009.76	72,117.13
		STEP C	36.4052	54.6078	2,912.41	6,310.23	75,722.81
		STEP D	38.2255	57.3382	3,058.04	6,625.75	79,509.04
		STEP E	40.1369	60.2053	3,210.95	6,957.06	83,484.75
		STEP F	42.1436	63.2154	3,371.48	7,304.89	87,658.68
		STEP G	44.2510	66.3765	3,540.08	7,670.17	92,042.08
		STEP H	46.4634	69.6951	3,717.07	8,053.65	96,643.87
9020	WSTWTR TRMT PLT OPR GDIII 24HR						
		STEP A	21.0591	31.5886	2,358.61	5,110.34	61,324.09
		STEP B	22.1122	33.1683	2,476.56	5,365.89	64,390.72
		STEP C	23.2175	34.8262	2,600.36	5,634.11	67,609.36
		STEP D	24.3787	36.5680	2,730.41	5,915.89	70,990.77
		STEP E	25.5975	38.3962	2,866.92	6,211.66	74,539.92
		STEP F	26.8775	40.3162	3,010.28	6,522.27	78,267.28
		STEP G	28.2213	42.3319	3,160.78	6,848.36	82,180.42
		STEP H	29.6322	44.4483	3,318.80	7,190.74	86,288.96
1641	YOUTH DEVELOPMENT PROG COORD						
		STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	23.4508	35.1762	1,876.06	4,064.80	48,777.66
		STEP C	24.6234	36.9351	1,969.87	4,268.05	51,216.67
		STEP D	25.8545	38.7817	2,068.36	4,481.44	53,777.36
		STEP E	27.1473	40.7209	2,171.78	4,705.53	56,466.38
		STEP F	28.5046	42.7569	2,280.36	4,940.79	59,289.56
		STEP G	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP H	31.4263	47.1394	2,514.10	5,447.22	65,366.70

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B400	ACCOUNTANT I	STEP A	27.0721	40.6081	2,165.76	4,692.49	56,309.96
		STEP B	27.7405	41.6107	2,219.24	4,808.35	57,700.24
		STEP C	28.4256	42.6384	2,274.04	4,927.10	59,125.24
		STEP D	29.1275	43.6912	2,330.20	5,048.76	60,585.20
		STEP E	29.8468	44.7702	2,387.74	5,173.44	62,081.34
		STEP F	30.5839	45.8758	2,446.71	5,301.20	63,614.51
		STEP G	31.3392	47.0088	2,507.13	5,432.12	65,185.53
		STEP H	32.1131	48.1696	2,569.04	5,566.27	66,795.24
		STEP I	32.9062	49.3593	2,632.49	5,703.74	68,444.89
		STEP J	33.7188	50.5782	2,697.50	5,844.59	70,135.10
		STEP K	34.5515	51.8272	2,764.12	5,988.92	71,867.12
		STEP L	35.4048	53.1072	2,832.38	6,136.83	73,641.98
		STEP M	36.2791	54.4186	2,902.32	6,288.37	75,460.52
		STEP N	37.1750	55.7625	2,974.00	6,443.66	77,324.00
		STEP O	38.0931	57.1396	3,047.44	6,602.80	79,233.64
B401	ACCOUNTANT II	STEP A	29.7762	44.6643	2,382.09	5,161.20	61,934.49
		STEP B	30.5114	45.7671	2,440.91	5,288.64	63,463.71
		STEP C	31.2649	46.8973	2,501.19	5,419.24	65,030.99
		STEP D	32.0370	48.0555	2,562.96	5,553.08	66,636.96
		STEP E	32.8282	49.2423	2,626.25	5,690.22	68,282.65
		STEP F	33.6389	50.4583	2,691.11	5,830.74	69,968.91
		STEP G	34.4696	51.7044	2,757.56	5,974.73	71,696.76
		STEP H	35.3208	52.9812	2,825.66	6,122.27	73,467.26
		STEP I	36.1931	54.2896	2,895.44	6,273.47	75,281.64
		STEP J	37.0869	55.6303	2,966.95	6,428.39	77,140.75
		STEP K	38.0028	57.0042	3,040.22	6,587.15	79,045.82
		STEP L	38.9413	58.4119	3,115.30	6,749.82	80,997.90
		STEP M	39.9029	59.8543	3,192.23	6,916.50	82,998.03
		STEP N	40.8883	61.3324	3,271.06	7,087.30	85,047.66
		STEP O	41.8981	62.8471	3,351.84	7,262.33	87,148.04
B402	ADMIN TECHNICIAN	STEP A	22.3391	33.5086	1,787.12	3,872.11	46,465.32
		STEP B	22.8906	34.3359	1,831.24	3,967.70	47,612.44
		STEP C	23.4559	35.1838	1,876.47	4,065.68	48,788.27
		STEP D	24.0352	36.0528	1,922.81	4,166.10	49,993.21
		STEP E	24.6287	36.9430	1,970.29	4,268.97	51,227.69
		STEP F	25.2370	37.8555	2,018.96	4,374.41	52,492.96
		STEP G	25.8602	38.7903	2,068.81	4,482.43	53,789.21
		STEP H	26.4988	39.7482	2,119.90	4,593.12	55,117.50
		STEP I	27.1532	40.7298	2,172.25	4,706.55	56,478.65
		STEP J	27.8238	41.7357	2,225.90	4,822.79	57,873.50
		STEP K	28.5109	42.7663	2,280.87	4,941.88	59,302.67
		STEP L	29.2150	43.8225	2,337.20	5,063.93	60,767.20
		STEP M	29.9365	44.9047	2,394.92	5,188.99	62,267.92
		STEP N	30.6758	46.0137	2,454.06	5,317.13	63,805.66
		STEP O	31.4333	47.1499	2,514.66	5,448.43	65,381.26

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B551	AQUATICS MAINTENANCE TECH	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.3223	37.9834	2,025.78	4,389.19	52,670.38
		STEP C	25.9477	38.9215	2,075.81	4,497.60	53,971.21
		STEP D	26.5884	39.8826	2,127.07	4,608.65	55,303.87
		STEP E	27.2451	40.8676	2,179.60	4,722.48	56,669.80
		STEP F	27.9179	41.8768	2,233.43	4,839.10	58,069.23
		STEP G	28.6073	42.9109	2,288.58	4,958.59	59,503.18
		STEP H	29.3139	43.9708	2,345.11	5,081.07	60,972.91
		STEP I	30.0378	45.0567	2,403.02	5,206.55	62,478.62
		STEP J	30.7795	46.1692	2,462.36	5,335.11	64,021.36
		STEP K	31.5396	47.3094	2,523.16	5,466.86	65,602.36
		STEP L	32.3185	48.4777	2,585.48	5,601.87	67,222.48
		STEP M	33.1166	49.6749	2,649.32	5,740.21	68,882.52
		STEP N	33.9345	50.9017	2,714.76	5,881.98	70,583.76
		STEP O	34.7725	52.1587	2,781.80	6,027.23	72,326.80
B550	ARBORIST TECHNICIAN	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.3223	37.9834	2,025.78	4,389.19	52,670.38
		STEP C	25.9477	38.9215	2,075.81	4,497.60	53,971.21
		STEP D	26.5884	39.8826	2,127.07	4,608.65	55,303.87
		STEP E	27.2451	40.8676	2,179.60	4,722.48	56,669.80
		STEP F	27.9179	41.8768	2,233.43	4,839.10	58,069.23
		STEP G	28.6073	42.9109	2,288.58	4,958.59	59,503.18
		STEP H	29.3139	43.9708	2,345.11	5,081.07	60,972.91
		STEP I	30.0378	45.0567	2,403.02	5,206.55	62,478.62
		STEP J	30.7795	46.1692	2,462.36	5,335.11	64,021.36
		STEP K	31.5396	47.3094	2,523.16	5,466.86	65,602.36
		STEP L	32.3185	48.4777	2,585.48	5,601.87	67,222.48
		STEP M	33.1166	49.6749	2,649.32	5,740.21	68,882.52
		STEP N	33.9345	50.9017	2,714.76	5,881.98	70,583.76
		STEP O	34.7725	52.1587	2,781.80	6,027.23	72,326.80
B404	ASSOC ENGINEER	STEP A	35.4446	53.1669	2,835.56	6,143.73	73,724.76
		STEP B	36.3197	54.4795	2,905.57	6,295.41	75,544.97
		STEP C	37.2167	55.8250	2,977.33	6,450.89	77,410.73
		STEP D	38.1358	57.2037	3,050.86	6,610.20	79,322.46
		STEP E	39.0775	58.6162	3,126.20	6,773.43	81,281.20
		STEP F	40.0426	60.0639	3,203.40	6,940.71	83,288.60
		STEP G	41.0314	61.5471	3,282.51	7,112.10	85,345.31
		STEP H	42.0447	63.0670	3,363.57	7,287.74	87,452.97
		STEP I	43.0830	64.6245	3,446.64	7,467.72	89,612.64
		STEP J	44.1470	66.2205	3,531.76	7,652.14	91,825.76
		STEP K	45.2372	67.8558	3,618.97	7,841.11	94,093.37
		STEP L	46.3544	69.5316	3,708.35	8,034.76	96,417.15
		STEP M	47.4991	71.2486	3,799.92	8,233.17	98,798.12
		STEP N	48.6721	73.0081	3,893.76	8,436.49	101,237.96
		STEP O	49.8741	74.8111	3,989.92	8,644.84	103,738.12

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B405	ASSOC PLANNER	STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	31.7358	47.6037	2,538.86	5,500.87	66,010.46
		STEP C	32.5195	48.7792	2,601.56	5,636.71	67,640.56
		STEP D	33.3226	49.9839	2,665.80	5,775.91	69,311.00
		STEP E	34.1455	51.2182	2,731.64	5,918.55	71,022.64
		STEP F	34.9888	52.4832	2,799.10	6,064.72	72,776.70
		STEP G	35.8528	53.7792	2,868.22	6,214.48	74,573.82
		STEP H	36.7382	55.1073	2,939.05	6,367.95	76,415.45
		STEP I	37.6454	56.4681	3,011.63	6,525.20	78,302.43
		STEP J	38.5751	57.8626	3,086.00	6,686.35	80,236.20
		STEP K	39.5278	59.2917	3,162.22	6,851.48	82,217.82
		STEP L	40.5039	60.7558	3,240.31	7,020.67	84,248.11
		STEP M	41.5042	62.2563	3,320.33	7,194.06	86,328.73
		STEP N	42.5291	63.7936	3,402.32	7,371.71	88,460.52
		STEP O	43.5794	65.3691	3,486.35	7,553.76	90,645.15
B403	ASST CHILD CARE SITE COORD	STEP A	17.6895	26.5342	1,415.16	3,066.18	36,794.16
		STEP B	18.1263	27.1894	1,450.10	3,141.89	37,702.70
		STEP C	18.5739	27.8608	1,485.91	3,219.47	38,633.71
		STEP D	19.0326	28.5489	1,522.60	3,298.98	39,587.80
		STEP E	19.5026	29.2539	1,560.20	3,380.45	40,565.40
		STEP F	19.9842	29.9763	1,598.73	3,463.92	41,567.13
		STEP G	20.4778	30.7167	1,638.22	3,549.48	42,593.82
		STEP H	20.9835	31.4752	1,678.68	3,637.14	43,645.68
		STEP I	21.5017	32.2525	1,720.13	3,726.96	44,723.53
		STEP J	22.0326	33.0489	1,762.60	3,818.98	45,827.80
		STEP K	22.5768	33.8652	1,806.14	3,913.31	46,959.74
		STEP L	23.1343	34.7014	1,850.74	4,009.94	48,119.34
		STEP M	23.7056	35.5584	1,896.44	4,108.97	49,307.64
		STEP N	24.2910	36.4365	1,943.28	4,210.44	50,525.28
		STEP O	24.8909	37.3363	1,991.27	4,314.42	51,773.07
B406	ASST ENGINEER	STEP A	32.2271	48.3406	2,578.16	5,586.03	67,032.36
		STEP B	33.0228	49.5342	2,641.82	5,723.95	68,687.42
		STEP C	33.8383	50.7574	2,707.06	5,865.30	70,383.66
		STEP D	34.6739	52.0108	2,773.91	6,010.14	72,121.71
		STEP E	35.5302	53.2953	2,842.41	6,158.56	73,902.81
		STEP F	36.4076	54.6114	2,912.60	6,310.65	75,727.80
		STEP G	37.3067	55.9600	2,984.53	6,466.49	77,597.93
		STEP H	38.2281	57.3421	3,058.24	6,626.20	79,514.44
		STEP I	39.1721	58.7581	3,133.76	6,789.83	81,477.96
		STEP J	40.1395	60.2092	3,211.16	6,957.51	83,490.16
		STEP K	41.1307	61.6960	3,290.45	7,129.32	85,551.85
		STEP L	42.1465	63.2197	3,371.72	7,305.39	87,664.72
		STEP M	43.1873	64.7809	3,454.98	7,485.79	89,829.58
		STEP N	44.2538	66.3807	3,540.30	7,670.65	92,047.90
		STEP O	45.3467	68.0200	3,627.73	7,860.09	94,321.13

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B407	ASST PLANNER	STEP A	26.9304	40.3956	2,154.43	4,667.93	56,015.23
		STEP B	27.5954	41.3931	2,207.63	4,783.20	57,398.43
		STEP C	28.2768	42.4152	2,262.14	4,901.31	58,815.74
		STEP D	28.9751	43.4626	2,318.00	5,022.35	60,268.20
		STEP E	29.6907	44.5360	2,375.25	5,146.38	61,756.65
		STEP F	30.4239	45.6358	2,433.91	5,273.47	63,281.71
		STEP G	31.1753	46.7629	2,494.02	5,403.71	64,844.62
		STEP H	31.9452	47.9178	2,555.61	5,537.16	66,446.01
		STEP I	32.7340	49.1010	2,618.72	5,673.89	68,086.72
		STEP J	33.5424	50.3136	2,683.39	5,814.01	69,768.19
		STEP K	34.3707	51.5560	2,749.65	5,957.58	71,491.05
		STEP L	35.2196	52.8294	2,817.56	6,104.73	73,256.76
		STEP M	36.0893	54.1339	2,887.14	6,255.47	75,065.74
		STEP N	36.9806	55.4709	2,958.44	6,409.97	76,919.64
		STEP O	37.8938	56.8407	3,031.50	6,568.25	78,819.10
B408	BLDG INSPECTOR I	STEP A	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP B	25.4902	38.2353	2,039.21	4,418.30	53,019.61
		STEP C	26.1197	39.1795	2,089.57	4,527.41	54,328.97
		STEP D	26.7647	40.1470	2,141.17	4,639.21	55,670.57
		STEP E	27.4257	41.1385	2,194.05	4,753.78	57,045.45
		STEP F	28.1030	42.1545	2,248.24	4,871.18	58,454.24
		STEP G	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP H	29.5081	44.2621	2,360.64	5,114.73	61,376.84
		STEP I	30.2369	45.3553	2,418.95	5,241.06	62,892.75
		STEP J	30.9836	46.4754	2,478.68	5,370.49	64,445.88
		STEP K	31.7487	47.6230	2,539.89	5,503.10	66,037.29
		STEP L	32.5328	48.7992	2,602.62	5,639.01	67,668.22
		STEP M	33.3362	50.0043	2,666.89	5,778.27	69,339.29
		STEP N	34.1594	51.2391	2,732.75	5,920.96	71,051.55
		STEP O	35.0030	52.5045	2,800.24	6,067.18	72,806.24
B409	BLDG INSPECTOR II	STEP A	27.3635	41.0452	2,189.08	4,743.00	56,916.08
		STEP B	28.0391	42.0586	2,243.12	4,860.11	58,321.32
		STEP C	28.7316	43.0974	2,298.52	4,980.14	59,761.72
		STEP D	29.4411	44.1616	2,355.28	5,103.12	61,237.48
		STEP E	30.1682	45.2523	2,413.45	5,229.15	62,749.85
		STEP F	30.9132	46.3698	2,473.05	5,358.28	64,299.45
		STEP G	31.6766	47.5149	2,534.12	5,490.61	65,887.32
		STEP H	32.4589	48.6883	2,596.71	5,626.20	67,514.51
		STEP I	33.2604	49.8906	2,660.83	5,765.13	69,181.63
		STEP J	34.0818	51.1227	2,726.54	5,907.51	70,890.14
		STEP K	34.9235	52.3852	2,793.88	6,053.40	72,640.88
		STEP L	35.7859	53.6788	2,862.87	6,202.88	74,434.67
		STEP M	36.6697	55.0045	2,933.57	6,356.08	76,272.97
		STEP N	37.5753	56.3629	3,006.02	6,513.05	78,156.62
		STEP O	38.5032	57.7548	3,080.25	6,673.88	80,086.65

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B410	BLDG MAINT WORKER I	STEP A	20.7748	31.1622	1,661.98	3,600.96	43,211.58
		STEP B	21.2878	31.9317	1,703.02	3,689.88	44,278.62
		STEP C	21.8135	32.7202	1,745.08	3,781.00	45,372.08
		STEP D	22.3522	33.5283	1,788.17	3,874.38	46,492.57
		STEP E	22.9042	34.3563	1,832.33	3,970.06	47,640.73
		STEP F	23.4698	35.2047	1,877.58	4,068.09	48,817.18
		STEP G	24.0494	36.0741	1,923.95	4,168.56	50,022.75
		STEP H	24.6433	36.9649	1,971.46	4,271.50	51,258.06
		STEP I	25.2519	37.8778	2,020.15	4,377.00	52,523.95
		STEP J	25.8755	38.8132	2,070.04	4,485.08	53,821.04
		STEP K	26.5145	39.7717	2,121.16	4,595.84	55,150.16
		STEP L	27.1693	40.7539	2,173.54	4,709.34	56,512.14
		STEP M	27.8403	41.7604	2,227.22	4,825.65	57,907.82
		STEP N	28.5278	42.7917	2,282.22	4,944.81	59,337.82
		STEP O	29.2323	43.8484	2,338.58	5,066.93	60,803.18
B411	BLDG MAINT WORKER II	STEP A	22.8500	34.2750	1,828.00	3,960.66	47,528.00
		STEP B	23.4142	35.1213	1,873.13	4,058.46	48,701.53
		STEP C	23.9925	35.9887	1,919.40	4,158.70	49,904.40
		STEP D	24.5850	36.8775	1,966.80	4,261.40	51,136.80
		STEP E	25.1921	37.7881	2,015.36	4,366.63	52,399.56
		STEP F	25.8142	38.7213	2,065.13	4,474.46	53,693.53
		STEP G	26.4517	39.6775	2,116.13	4,584.96	55,019.53
		STEP H	27.1049	40.6573	2,168.39	4,698.18	56,378.19
		STEP I	27.7743	41.6614	2,221.94	4,814.21	57,770.54
		STEP J	28.4602	42.6903	2,276.81	4,933.10	59,197.21
		STEP K	29.1630	43.7445	2,333.04	5,054.92	60,659.04
		STEP L	29.8832	44.8248	2,390.65	5,179.75	62,157.05
		STEP M	30.6212	45.9318	2,449.69	5,307.67	63,692.09
		STEP N	31.3774	47.0661	2,510.19	5,438.74	65,264.99
		STEP O	32.1523	48.2284	2,572.18	5,573.06	66,876.78
B549	BLDG MAINTENANCE AIDE	STEP A	16.8975	25.3462	1,351.80	2,928.90	35,146.80
		STEP B	17.3148	25.9722	1,385.18	3,001.23	36,014.78
		STEP C	17.7424	26.6136	1,419.39	3,075.34	36,904.19
		STEP D	18.1805	27.2707	1,454.44	3,151.28	37,815.44
		STEP E	18.6295	27.9442	1,490.36	3,229.11	38,749.36
		STEP F	19.0895	28.6342	1,527.16	3,308.84	39,706.16
		STEP G	19.5609	29.3413	1,564.87	3,390.55	40,686.67
		STEP H	20.0440	30.0660	1,603.52	3,474.29	41,691.52
		STEP I	20.5390	30.8085	1,643.12	3,560.09	42,721.12
		STEP J	21.0463	31.5694	1,683.70	3,648.02	43,776.30
		STEP K	21.5660	32.3490	1,725.28	3,738.10	44,857.28
		STEP L	22.0986	33.1479	1,767.88	3,830.42	45,965.08
		STEP M	22.6443	33.9664	1,811.54	3,925.01	47,100.14
		STEP N	23.2035	34.8052	1,856.28	4,021.94	48,263.28
		STEP O	23.7765	35.6647	1,902.12	4,121.26	49,455.12

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B412	BLDG PLANS EXAMINER I	STEP A	25.7525	38.6287	2,060.20	4,463.76	53,565.20
		STEP B	26.3883	39.5824	2,111.06	4,573.97	54,887.66
		STEP C	27.0400	40.5600	2,163.20	4,686.93	56,243.20
		STEP D	27.7077	41.5615	2,216.61	4,802.66	57,632.01
		STEP E	28.3920	42.5880	2,271.36	4,921.28	59,055.36
		STEP F	29.0932	43.6398	2,327.45	5,042.82	60,513.85
		STEP G	29.8116	44.7174	2,384.92	5,167.34	62,008.12
		STEP H	30.5478	45.8217	2,443.82	5,294.95	63,539.42
		STEP I	31.3022	46.9533	2,504.17	5,425.71	65,108.57
		STEP J	32.0752	48.1128	2,566.01	5,559.70	66,716.41
		STEP K	32.8674	49.3011	2,629.39	5,697.01	68,364.19
		STEP L	33.6790	50.5185	2,694.32	5,837.69	70,052.32
		STEP M	34.5107	51.7660	2,760.85	5,981.85	71,782.25
		STEP N	35.3630	53.0445	2,829.04	6,129.58	73,555.04
		STEP O	36.2363	54.3544	2,898.90	6,280.95	75,371.50
B413	BLDG PLANS EXAMINER II	STEP A	28.3278	42.4917	2,266.22	4,910.15	58,921.82
		STEP B	29.0272	43.5408	2,322.17	5,031.38	60,376.57
		STEP C	29.7440	44.6160	2,379.52	5,155.62	61,867.52
		STEP D	30.4786	45.7179	2,438.28	5,282.95	63,395.48
		STEP E	31.2313	46.8469	2,498.50	5,413.42	64,961.10
		STEP F	32.0025	48.0037	2,560.20	5,547.10	66,565.20
		STEP G	32.7928	49.1892	2,623.42	5,684.08	68,209.02
		STEP H	33.6027	50.4040	2,688.21	5,824.46	69,893.61
		STEP I	34.4325	51.6487	2,754.60	5,968.30	71,619.60
		STEP J	35.2828	52.9242	2,822.62	6,115.68	73,388.22
		STEP K	36.1541	54.2311	2,892.32	6,266.71	75,200.52
		STEP L	37.0470	55.5705	2,963.76	6,421.48	77,057.76
		STEP M	37.9619	56.9428	3,036.95	6,580.06	78,960.75
		STEP N	38.8994	58.3491	3,111.95	6,742.56	80,910.75
		STEP O	39.8600	59.7900	3,188.80	6,909.06	82,908.80
B414	BUSINESS SYSTEMS ANALYST I	STEP A	27.9107	41.8660	2,232.85	4,837.85	58,054.25
		STEP B	28.5998	42.8997	2,287.98	4,957.29	59,487.58
		STEP C	29.3060	43.9590	2,344.48	5,079.70	60,956.48
		STEP D	30.0298	45.0447	2,402.38	5,205.16	62,461.98
		STEP E	30.7714	46.1571	2,461.71	5,333.70	64,004.51
		STEP F	31.5313	47.2969	2,522.50	5,465.42	65,585.10
		STEP G	32.3099	48.4648	2,584.79	5,600.38	67,204.59
		STEP H	33.1079	49.6618	2,648.63	5,738.70	68,864.43
		STEP I	33.9255	50.8882	2,714.04	5,880.42	70,565.04
		STEP J	34.7633	52.1449	2,781.06	6,025.63	72,307.66
		STEP K	35.6218	53.4327	2,849.74	6,174.44	74,093.34
		STEP L	36.5015	54.7522	2,920.12	6,326.92	75,923.12
		STEP M	37.4029	56.1043	2,992.23	6,483.16	77,798.03
		STEP N	38.3266	57.4899	3,066.12	6,643.27	79,719.32
		STEP O	39.2731	58.9096	3,141.84	6,807.33	81,688.04

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B415	BUSINESS SYSTEMS ANALYST II	STEP A	30.7019	46.0528	2,456.15	5,321.66	63,859.95
		STEP B	31.4598	47.1897	2,516.78	5,453.03	65,436.38
		STEP C	32.2367	48.3550	2,578.93	5,587.69	67,052.33
		STEP D	33.0328	49.5492	2,642.62	5,725.68	68,708.22
		STEP E	33.8485	50.7727	2,707.88	5,867.07	70,404.88
		STEP F	34.6844	52.0266	2,774.75	6,011.96	72,143.55
		STEP G	35.5410	53.3115	2,843.28	6,160.44	73,925.28
		STEP H	36.4187	54.6280	2,913.49	6,312.57	75,750.89
		STEP I	37.3180	55.9770	2,985.44	6,468.45	77,621.44
		STEP J	38.2396	57.3594	3,059.16	6,628.19	79,538.36
		STEP K	39.1839	58.7758	3,134.71	6,791.87	81,502.51
		STEP L	40.1516	60.2274	3,212.12	6,959.61	83,515.32
		STEP M	41.1432	61.7148	3,291.45	7,131.48	85,577.85
		STEP N	42.1593	63.2389	3,372.74	7,307.61	87,691.34
		STEP O	43.2004	64.8006	3,456.03	7,488.06	89,856.83
B416	BUYER I	STEP A	21.5375	32.3062	1,723.00	3,733.16	44,798.00
		STEP B	22.0694	33.1041	1,765.55	3,825.36	45,904.35
		STEP C	22.6144	33.9216	1,809.15	3,919.82	47,037.95
		STEP D	23.1729	34.7593	1,853.83	4,016.63	48,199.63
		STEP E	23.7452	35.6178	1,899.61	4,115.83	49,390.01
		STEP F	24.3316	36.4974	1,946.52	4,217.47	50,609.72
		STEP G	24.9325	37.3987	1,994.60	4,321.63	51,859.60
		STEP H	25.5481	38.3221	2,043.84	4,428.33	53,140.04
		STEP I	26.1791	39.2686	2,094.32	4,537.71	54,452.52
		STEP J	26.8256	40.2384	2,146.04	4,649.77	55,797.24
		STEP K	27.4881	41.2321	2,199.04	4,764.60	57,175.24
		STEP L	28.1669	42.2503	2,253.35	4,882.26	58,587.15
		STEP M	28.8625	43.2937	2,309.00	5,002.83	60,034.00
		STEP N	29.5752	44.3628	2,366.01	5,126.36	61,516.41
		STEP O	30.3056	45.4584	2,424.44	5,252.97	63,035.64
B417	BUYER II	STEP A	23.6912	35.5368	1,895.29	4,106.47	49,277.69
		STEP B	24.2763	36.4144	1,942.10	4,207.89	50,494.70
		STEP C	24.8758	37.3137	1,990.06	4,311.80	51,741.66
		STEP D	25.4901	38.2351	2,039.20	4,418.28	53,019.40
		STEP E	26.1195	39.1792	2,089.56	4,527.38	54,328.56
		STEP F	26.7646	40.1469	2,141.16	4,639.19	55,670.36
		STEP G	27.4256	41.1384	2,194.04	4,753.77	57,045.24
		STEP H	28.1028	42.1542	2,248.22	4,871.15	58,453.82
		STEP I	28.7968	43.1952	2,303.74	4,991.44	59,897.34
		STEP J	29.5080	44.2620	2,360.64	5,114.72	61,376.64
		STEP K	30.2368	45.3552	2,418.94	5,241.04	62,892.54
		STEP L	30.9834	46.4751	2,478.67	5,370.45	64,445.47
		STEP M	31.7486	47.6229	2,539.88	5,503.09	66,037.08
		STEP N	32.5326	48.7989	2,602.60	5,638.98	67,667.80
		STEP O	33.3360	50.0040	2,666.88	5,778.24	69,338.88

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B418	CHILD CARE SITE COORDINATOR	STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	20.8051	31.2076	1,664.40	3,606.21	43,274.60
		STEP C	21.3188	31.9782	1,705.50	3,695.25	44,343.10
		STEP D	21.8453	32.7679	1,747.62	3,786.51	45,438.22
		STEP E	22.3848	33.5772	1,790.78	3,880.03	46,560.38
		STEP F	22.9376	34.4064	1,835.00	3,975.85	47,710.20
		STEP G	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP H	24.0845	36.1267	1,926.76	4,174.64	50,095.76
		STEP I	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP J	25.2887	37.9330	2,023.09	4,383.37	52,600.49
		STEP K	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP L	26.5532	39.8298	2,124.25	4,602.55	55,230.65
		STEP M	27.2089	40.8133	2,176.71	4,716.20	56,594.51
		STEP N	27.8809	41.8213	2,230.47	4,832.68	57,992.27
		STEP O	28.5694	42.8541	2,285.55	4,952.02	59,424.35
B419	CITY CLERK TECHNICIAN I	STEP A	21.7257	32.5885	1,738.05	3,765.78	45,189.45
		STEP B	22.2622	33.3933	1,780.97	3,858.78	46,305.37
		STEP C	22.8119	34.2178	1,824.95	3,954.06	47,448.75
		STEP D	23.3753	35.0629	1,870.02	4,051.71	48,620.62
		STEP E	23.9526	35.9289	1,916.20	4,151.78	49,821.40
		STEP F	24.5441	36.8161	1,963.52	4,254.31	51,051.72
		STEP G	25.1502	37.7253	2,012.01	4,359.36	52,312.41
		STEP H	25.7713	38.6569	2,061.70	4,467.02	53,604.30
		STEP I	26.4077	39.6115	2,112.61	4,577.33	54,928.01
		STEP J	27.0599	40.5898	2,164.79	4,690.38	56,284.59
		STEP K	27.7281	41.5921	2,218.24	4,806.20	57,674.44
		STEP L	28.4129	42.6193	2,273.03	4,924.90	59,098.83
		STEP M	29.1146	43.6719	2,329.16	5,046.53	60,558.36
		STEP N	29.8335	44.7502	2,386.68	5,171.14	62,053.68
		STEP O	30.5703	45.8554	2,445.62	5,298.85	63,586.22
B420	CITY CLERK TECHNICIAN II	STEP A	23.9007	35.8510	1,912.05	4,142.78	49,713.45
		STEP B	24.4908	36.7362	1,959.26	4,245.07	50,940.86
		STEP C	25.0957	37.6435	2,007.65	4,349.92	52,199.05
		STEP D	25.7154	38.5731	2,057.23	4,457.33	53,488.03
		STEP E	26.3505	39.5257	2,108.04	4,567.42	54,809.04
		STEP F	27.0012	40.5018	2,160.09	4,680.20	56,162.49
		STEP G	27.6680	41.5020	2,213.44	4,795.78	57,549.44
		STEP H	28.3513	42.5269	2,268.10	4,914.22	58,970.70
		STEP I	29.0514	43.5771	2,324.11	5,035.57	60,426.91
		STEP J	29.7688	44.6532	2,381.50	5,159.92	61,919.10
		STEP K	30.5040	45.7560	2,440.32	5,287.36	63,448.32
		STEP L	31.2573	46.8859	2,500.58	5,417.93	65,015.18
		STEP M	32.0292	48.0438	2,562.33	5,551.72	66,620.73
		STEP N	32.8202	49.2303	2,625.61	5,688.83	68,266.01
		STEP O	33.6307	50.4460	2,690.45	5,829.32	69,951.85

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B554	CODE ENFORCEMENT INSPECTOR I	STEP A	22.1000	33.1500	1,768.00	3,830.66	45,968.00
		STEP B	22.6457	33.9685	1,811.65	3,925.25	47,103.05
		STEP C	23.2050	34.8075	1,856.40	4,022.20	48,266.40
		STEP D	23.7780	35.6670	1,902.24	4,121.52	49,458.24
		STEP E	24.3652	36.5478	1,949.21	4,223.30	50,679.61
		STEP F	24.9669	37.4503	1,997.35	4,327.59	51,931.15
		STEP G	25.5835	38.3752	2,046.68	4,434.47	53,213.68
		STEP H	26.2153	39.3229	2,097.22	4,543.98	54,527.82
		STEP I	26.8627	40.2940	2,149.01	4,656.20	55,874.41
		STEP J	27.5261	41.2891	2,202.08	4,771.19	57,254.28
		STEP K	28.2059	42.3088	2,256.47	4,889.02	58,668.27
		STEP L	28.9024	43.3536	2,312.19	5,009.74	60,116.99
		STEP M	29.6162	44.4243	2,369.29	5,133.47	61,601.69
		STEP N	30.3476	45.5214	2,427.80	5,260.25	63,123.00
		STEP O	31.0970	46.6455	2,487.76	5,390.14	64,681.76
B555	CODE ENFORCEMENT INSPECTOR II	STEP A	24.3102	36.4653	1,944.81	4,213.76	50,565.21
		STEP B	24.9103	37.3654	1,992.82	4,317.78	51,813.42
		STEP C	25.5255	38.2882	2,042.04	4,424.42	53,093.04
		STEP D	26.1559	39.2338	2,092.47	4,533.68	54,404.27
		STEP E	26.8018	40.2027	2,144.14	4,645.64	55,747.74
		STEP F	27.4637	41.1955	2,197.09	4,760.37	57,124.49
		STEP G	28.1419	42.2128	2,251.35	4,877.92	58,535.15
		STEP H	28.8368	43.2552	2,306.94	4,998.37	59,980.54
		STEP I	29.5490	44.3235	2,363.92	5,121.82	61,461.92
		STEP J	30.2787	45.4180	2,422.29	5,248.30	62,979.69
		STEP K	31.0265	46.5397	2,482.12	5,377.92	64,535.12
		STEP L	31.7927	47.6890	2,543.41	5,510.73	66,128.81
		STEP M	32.5778	48.8667	2,606.22	5,646.81	67,761.82
		STEP N	33.3824	50.0736	2,670.59	5,786.28	69,435.39
		STEP O	34.2067	51.3100	2,736.53	5,929.16	71,149.93
B422	COMMUNITY RELATIONS ANALYST	STEP A	28.5163	42.7744	2,281.30	4,942.82	59,313.90
		STEP B	29.2204	43.8306	2,337.63	5,064.86	60,778.43
		STEP C	29.9420	44.9130	2,395.36	5,189.94	62,279.36
		STEP D	30.6814	46.0221	2,454.51	5,318.10	63,817.31
		STEP E	31.4391	47.1586	2,515.12	5,449.44	65,393.32
		STEP F	32.2155	48.3232	2,577.24	5,584.02	67,008.24
		STEP G	33.0111	49.5166	2,640.88	5,721.92	68,663.08
		STEP H	33.8263	50.7394	2,706.10	5,863.22	70,358.70
		STEP I	34.6617	51.9925	2,772.93	6,008.02	72,096.33
		STEP J	35.5177	53.2765	2,841.41	6,156.40	73,876.81
		STEP K	36.3948	54.5922	2,911.58	6,308.43	75,701.18
		STEP L	37.2936	55.9404	2,983.48	6,464.22	77,570.68
		STEP M	38.2145	57.3217	3,057.16	6,623.84	79,486.16
		STEP N	39.1583	58.7374	3,132.66	6,787.43	81,449.26
		STEP O	40.1253	60.1879	3,210.02	6,955.05	83,460.62

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B423	CONSTRUCTION INSPECTION SUPV	STEP A	33.3482	50.0223	2,667.85	5,780.35	69,364.25
		STEP B	34.1715	51.2572	2,733.72	5,923.06	71,076.72
		STEP C	35.0154	52.5231	2,801.23	6,069.33	72,832.03
		STEP D	35.8801	53.8201	2,870.40	6,219.21	74,630.60
		STEP E	36.7662	55.1493	2,941.29	6,372.80	76,473.69
		STEP F	37.6742	56.5113	3,013.93	6,530.19	78,362.33
		STEP G	38.6046	57.9069	3,088.36	6,691.46	80,297.56
		STEP H	39.5579	59.3368	3,164.63	6,856.70	82,280.43
		STEP I	40.5348	60.8022	3,242.78	7,026.03	84,312.38
		STEP J	41.5358	62.3037	3,322.86	7,199.53	86,394.46
		STEP K	42.5616	63.8424	3,404.92	7,377.34	88,528.12
		STEP L	43.6127	65.4190	3,489.01	7,559.53	90,714.41
		STEP M	44.6897	67.0345	3,575.17	7,746.21	92,954.57
		STEP N	45.7933	68.6899	3,663.46	7,937.50	95,250.06
		STEP O	46.9242	70.3863	3,753.93	8,133.52	97,602.33
B424	CONSTRUCTION INSPECTOR I	STEP A	23.9633	35.9449	1,917.06	4,153.63	49,843.66
		STEP B	24.5549	36.8323	1,964.39	4,256.18	51,074.19
		STEP C	25.1613	37.7419	2,012.90	4,361.29	52,335.50
		STEP D	25.7827	38.6740	2,062.61	4,469.00	53,628.01
		STEP E	26.4194	39.6291	2,113.55	4,579.36	54,952.35
		STEP F	27.0718	40.6077	2,165.74	4,692.44	56,309.34
		STEP G	27.7404	41.6106	2,219.23	4,808.33	57,700.03
		STEP H	28.4254	42.6381	2,274.03	4,927.06	59,124.83
		STEP I	29.1274	43.6911	2,330.19	5,048.74	60,584.99
		STEP J	29.8467	44.7700	2,387.73	5,173.42	62,081.13
		STEP K	30.5838	45.8757	2,446.70	5,301.19	63,614.30
		STEP L	31.3391	47.0086	2,507.12	5,432.11	65,185.32
		STEP M	32.1130	48.1695	2,569.04	5,566.25	66,795.04
		STEP N	32.9061	49.3591	2,632.48	5,703.72	68,444.68
		STEP O	33.7187	50.5780	2,697.49	5,844.57	70,134.89
B425	CONSTRUCTION INSPECTOR II	STEP A	26.3622	39.5433	2,108.97	4,569.44	54,833.37
		STEP B	27.0131	40.5196	2,161.04	4,682.27	56,187.24
		STEP C	27.6802	41.5203	2,214.41	4,797.90	57,574.81
		STEP D	28.3637	42.5455	2,269.09	4,916.37	58,996.49
		STEP E	29.0642	43.5963	2,325.13	5,037.79	60,453.53
		STEP F	29.7819	44.6728	2,382.55	5,162.19	61,946.35
		STEP G	30.5174	45.7761	2,441.39	5,289.68	63,476.19
		STEP H	31.2711	46.9066	2,501.68	5,420.32	65,043.88
		STEP I	32.0433	48.0649	2,563.46	5,554.17	66,650.06
		STEP J	32.8346	49.2519	2,626.76	5,691.33	68,295.96
		STEP K	33.6455	50.4682	2,691.64	5,831.88	69,982.64
		STEP L	34.4764	51.7146	2,758.11	5,975.90	71,710.91
		STEP M	35.3278	52.9917	2,826.22	6,123.48	73,481.82
		STEP N	36.2002	54.3003	2,896.01	6,274.70	75,296.41
		STEP O	37.0942	55.6413	2,967.53	6,429.66	77,155.93

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B426	COURIER	STEP A	13.2759	19.9138	1,062.07	2,301.15	27,613.87
		STEP B	13.6038	20.4057	1,088.30	2,357.99	28,295.90
		STEP C	13.9397	20.9095	1,115.17	2,416.21	28,994.57
		STEP D	14.2840	21.4260	1,142.72	2,475.89	29,710.72
		STEP E	14.6368	21.9552	1,170.94	2,537.04	30,444.54
		STEP F	14.9982	22.4973	1,199.85	2,599.68	31,196.25
		STEP G	15.3686	23.0529	1,229.48	2,663.89	31,966.68
		STEP H	15.7482	23.6223	1,259.85	2,729.68	32,756.25
		STEP I	16.1370	24.2055	1,290.96	2,797.08	33,564.96
		STEP J	16.5355	24.8032	1,322.84	2,866.15	34,393.84
		STEP K	16.9439	25.4158	1,355.51	2,936.94	35,243.31
		STEP L	17.3623	26.0434	1,388.98	3,009.46	36,113.58
		STEP M	17.7911	26.6866	1,423.28	3,083.79	37,005.48
		STEP N	18.2305	27.3457	1,458.44	3,159.95	37,919.44
		STEP O	18.6807	28.0210	1,494.45	3,237.98	38,855.85
B427	CUSTODIAN	STEP A	15.5349	23.3023	1,242.79	2,692.71	32,312.59
		STEP B	15.9185	23.8777	1,273.48	2,759.20	33,110.48
		STEP C	16.3116	24.4674	1,304.92	2,827.34	33,928.12
		STEP D	16.7144	25.0716	1,337.15	2,897.16	34,765.95
		STEP E	17.1272	25.6908	1,370.17	2,968.71	35,624.57
		STEP F	17.5502	26.3253	1,404.01	3,042.03	36,504.41
		STEP G	17.9836	26.9754	1,438.68	3,117.15	37,405.88
		STEP H	18.4277	27.6415	1,474.21	3,194.13	38,329.61
		STEP I	18.8827	28.3240	1,510.61	3,273.00	39,276.01
		STEP J	19.3491	29.0236	1,547.92	3,353.84	40,246.12
		STEP K	19.8270	29.7405	1,586.16	3,436.68	41,240.16
		STEP L	20.3166	30.4749	1,625.32	3,521.54	42,258.52
		STEP M	20.8183	31.2274	1,665.46	3,608.50	43,302.06
		STEP N	21.3324	31.9986	1,706.59	3,697.61	44,371.39
		STEP O	21.8592	32.7888	1,748.73	3,788.92	45,467.13
B428	DATA MANAGEMENT SPECIALIST I	STEP A	28.5122	42.7683	2,280.97	4,942.11	59,305.37
		STEP B	28.8506	43.2759	2,308.04	5,000.77	60,009.24
		STEP C	29.5631	44.3446	2,365.04	5,124.27	61,491.24
		STEP D	30.2932	45.4398	2,423.45	5,250.82	63,009.85
		STEP E	31.0413	46.5619	2,483.30	5,380.49	64,565.90
		STEP F	31.8079	47.7118	2,544.63	5,513.36	66,160.43
		STEP G	32.5934	48.8901	2,607.47	5,649.52	67,794.27
		STEP H	33.3983	50.0974	2,671.86	5,789.03	69,468.46
		STEP I	34.2230	51.3345	2,737.84	5,931.98	71,183.84
		STEP J	35.0682	52.6023	2,805.45	6,078.48	72,941.85
		STEP K	35.9342	53.9013	2,874.73	6,228.59	74,743.13
		STEP L	36.8216	55.2324	2,945.72	6,382.41	76,588.92
		STEP M	37.7309	56.5963	3,018.47	6,540.02	78,480.27
		STEP N	38.6627	57.9940	3,093.01	6,701.53	80,418.41
		STEP O	39.6175	59.4262	3,169.40	6,867.03	82,404.40

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B429	DATA MANAGEMENT SPECIALIST II	STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	31.7358	47.6037	2,538.86	5,500.87	66,010.46
		STEP C	32.5195	48.7792	2,601.56	5,636.71	67,640.56
		STEP D	33.3226	49.9839	2,665.80	5,775.91	69,311.00
		STEP E	34.1455	51.2182	2,731.64	5,918.55	71,022.64
		STEP F	34.9888	52.4832	2,799.10	6,064.72	72,776.70
		STEP G	35.8528	53.7792	2,868.22	6,214.48	74,573.82
		STEP H	36.7382	55.1073	2,939.05	6,367.95	76,415.45
		STEP I	37.6454	56.4681	3,011.63	6,525.20	78,302.43
		STEP J	38.5751	57.8626	3,086.00	6,686.35	80,236.20
		STEP K	39.5278	59.2917	3,162.22	6,851.48	82,217.82
		STEP L	40.5039	60.7558	3,240.31	7,020.67	84,248.11
		STEP M	41.5042	62.2563	3,320.33	7,194.06	86,328.73
		STEP N	42.5291	63.7936	3,402.32	7,371.71	88,460.52
		STEP O	43.5794	65.3691	3,486.35	7,553.76	90,645.15
B430	DATABASE ANALYST I	STEP A	28.3806	42.5709	2,270.44	4,919.30	59,031.64
		STEP B	29.0814	43.6221	2,326.51	5,040.77	60,489.31
		STEP C	29.7996	44.6994	2,383.96	5,165.26	61,983.16
		STEP D	30.5355	45.8032	2,442.84	5,292.82	63,513.84
		STEP E	31.2896	46.9344	2,503.16	5,423.53	65,082.36
		STEP F	32.0624	48.0936	2,564.99	5,557.48	66,689.79
		STEP G	32.8542	49.2813	2,628.33	5,694.72	68,336.73
		STEP H	33.6655	50.4982	2,693.24	5,835.35	70,024.24
		STEP I	34.4969	51.7453	2,759.75	5,979.46	71,753.55
		STEP J	35.3488	53.0232	2,827.90	6,127.12	73,525.50
		STEP K	36.2217	54.3325	2,897.73	6,278.42	75,341.13
		STEP L	37.1163	55.6744	2,969.30	6,433.49	77,201.90
		STEP M	38.0328	57.0492	3,042.62	6,592.35	79,108.22
		STEP N	38.9721	58.4581	3,117.76	6,755.16	81,061.96
		STEP O	39.9345	59.9017	3,194.76	6,921.98	83,063.76
B431	DATABASE ANALYST II	STEP A	31.2167	46.8250	2,497.33	5,410.89	64,930.73
		STEP B	31.9876	47.9814	2,559.00	5,544.51	66,534.20
		STEP C	32.7776	49.1664	2,622.20	5,681.45	68,177.40
		STEP D	33.5871	50.3806	2,686.96	5,821.76	69,861.16
		STEP E	34.4165	51.6247	2,753.32	5,965.52	71,586.32
		STEP F	35.2664	52.8996	2,821.31	6,112.84	73,354.11
		STEP G	36.1374	54.2061	2,890.99	6,263.81	75,165.79
		STEP H	37.0298	55.5447	2,962.38	6,418.49	77,021.98
		STEP I	37.9442	56.9163	3,035.53	6,576.99	78,923.93
		STEP J	38.8813	58.3219	3,110.50	6,739.42	80,873.10
		STEP K	39.8415	59.7622	3,187.32	6,905.86	82,870.32
		STEP L	40.8254	61.2381	3,266.03	7,076.40	84,916.83
		STEP M	41.8336	62.7504	3,346.68	7,251.15	87,013.88
		STEP N	42.8666	64.2999	3,429.32	7,430.21	89,162.52
		STEP O	43.9253	65.8879	3,514.02	7,613.71	91,364.62

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B432	DEPUTY CITY CLERK I	STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.1117	24.1675	1,288.93	2,792.69	33,512.33
		STEP C	16.5096	24.7644	1,320.76	2,861.66	34,339.96
		STEP D	16.9173	25.3759	1,353.38	2,932.33	35,187.98
		STEP E	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP F	17.7632	26.6448	1,421.05	3,078.95	36,947.45
		STEP G	18.2018	27.3027	1,456.14	3,154.97	37,859.74
		STEP H	18.6513	27.9769	1,492.10	3,232.89	38,794.70
		STEP I	19.1119	28.6678	1,528.95	3,312.72	39,752.75
		STEP J	19.5839	29.3758	1,566.71	3,394.54	40,734.51
		STEP K	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP L	20.5631	30.8446	1,645.04	3,564.27	42,771.24
		STEP M	21.0710	31.6065	1,685.68	3,652.30	43,827.68
		STEP N	21.5913	32.3869	1,727.30	3,742.49	44,909.90
		STEP O	22.1245	33.1867	1,769.96	3,834.91	46,018.96
B433	DEPUTY CITY CLERK II	STEP A	17.2957	25.9435	1,383.65	2,997.92	35,975.05
		STEP B	17.7228	26.5842	1,417.82	3,071.95	36,863.42
		STEP C	18.1605	27.2407	1,452.84	3,147.82	37,773.84
		STEP D	18.6090	27.9135	1,488.72	3,225.56	38,706.72
		STEP E	19.0685	28.6027	1,525.48	3,305.20	39,662.48
		STEP F	19.5394	29.3091	1,563.15	3,386.82	40,641.95
		STEP G	20.0220	30.0330	1,601.76	3,470.48	41,645.76
		STEP H	20.5164	30.7746	1,641.31	3,556.17	42,674.11
		STEP I	21.0231	31.5346	1,681.84	3,644.00	43,728.04
		STEP J	21.5423	32.3134	1,723.38	3,734.00	44,807.98
		STEP K	22.0742	33.1113	1,765.93	3,826.19	45,914.33
		STEP L	22.6194	33.9291	1,809.55	3,920.69	47,048.35
		STEP M	23.1780	34.7670	1,854.24	4,017.52	48,210.24
		STEP N	23.7504	35.6256	1,900.03	4,116.73	49,400.83
		STEP O	24.3369	36.5053	1,946.95	4,218.39	50,620.75
B952	DEVELOPMENT SERVICES ANALYST	STEP A	30.8338	46.2507	2,466.70	5,344.52	64,134.30
		STEP B	31.5951	47.3926	2,527.60	5,476.48	65,717.80
		STEP C	32.3754	48.5631	2,590.03	5,611.73	67,340.83
		STEP D	33.1749	49.7623	2,653.99	5,750.31	69,003.79
		STEP E	33.9942	50.9913	2,719.53	5,892.32	70,707.93
		STEP F	34.8337	52.2505	2,786.69	6,037.84	72,454.09
		STEP G	35.6939	53.5408	2,855.51	6,186.94	74,243.31
		STEP H	36.5754	54.8631	2,926.03	6,339.73	76,076.83
		STEP I	37.4786	56.2179	2,998.28	6,496.29	77,955.48
		STEP J	38.4042	57.6063	3,072.33	6,656.72	79,880.73
		STEP K	39.3526	59.0289	3,148.20	6,821.11	81,853.40
		STEP L	40.3244	60.4866	3,225.95	6,989.56	83,874.75
		STEP M	41.3203	61.9804	3,305.62	7,162.18	85,946.22
		STEP N	42.3407	63.5110	3,387.25	7,339.05	88,068.65
		STEP O	43.3863	65.0794	3,470.90	7,520.29	90,243.50

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B434	DEVELOPMENT TECHNICIAN I	STEP A	20.4610	30.6915	1,636.88	3,546.57	42,558.88
		STEP B	20.9663	31.4494	1,677.30	3,634.15	43,609.90
		STEP C	21.4841	32.2261	1,718.72	3,723.91	44,686.92
		STEP D	22.0147	33.0220	1,761.17	3,815.88	45,790.57
		STEP E	22.5583	33.8374	1,804.66	3,910.10	46,921.26
		STEP F	23.1153	34.6729	1,849.22	4,006.65	48,079.82
		STEP G	23.6862	35.5293	1,894.89	4,105.60	49,267.29
		STEP H	24.2712	36.4068	1,941.69	4,207.00	50,484.09
		STEP I	24.8706	37.3059	1,989.64	4,310.90	51,730.84
		STEP J	25.4847	38.2270	2,038.77	4,417.34	53,008.17
		STEP K	26.1141	39.1711	2,089.12	4,526.44	54,317.32
		STEP L	26.7590	40.1385	2,140.72	4,638.22	55,658.72
		STEP M	27.4198	41.1297	2,193.58	4,752.76	57,033.18
		STEP N	28.0969	42.1453	2,247.75	4,870.12	58,441.55
		STEP O	28.7908	43.1862	2,303.26	4,990.40	59,884.86
B435	DEVELOPMENT TECHNICIAN II	STEP A	22.5071	33.7606	1,800.56	3,901.23	46,814.76
		STEP B	23.0629	34.5943	1,845.03	3,997.56	47,970.83
		STEP C	23.6325	35.4487	1,890.60	4,096.30	49,155.60
		STEP D	24.2160	36.3240	1,937.28	4,197.44	50,369.28
		STEP E	24.8141	37.2211	1,985.12	4,301.11	51,613.32
		STEP F	25.4269	38.1403	2,034.15	4,407.32	52,887.95
		STEP G	26.0548	39.0822	2,084.38	4,516.16	54,193.98
		STEP H	26.6983	40.0474	2,135.86	4,627.70	55,532.46
		STEP I	27.3576	41.0364	2,188.60	4,741.98	56,903.80
		STEP J	28.0332	42.0498	2,242.65	4,859.08	58,309.05
		STEP K	28.7254	43.0881	2,298.03	4,979.06	59,748.83
		STEP L	29.4349	44.1523	2,354.79	5,102.04	61,224.59
		STEP M	30.1618	45.2427	2,412.94	5,228.04	62,736.54
		STEP N	30.9066	46.3599	2,472.52	5,357.14	64,285.72
		STEP O	31.6699	47.5048	2,533.59	5,489.44	65,873.39
B438	ENERGY PROGRAM TECHNICIAN	STEP A	22.3391	33.5086	1,787.12	3,872.11	46,465.32
		STEP B	22.8906	34.3359	1,831.24	3,967.70	47,612.44
		STEP C	23.4559	35.1838	1,876.47	4,065.68	48,788.27
		STEP D	24.0352	36.0528	1,922.81	4,166.10	49,993.21
		STEP E	24.6287	36.9430	1,970.29	4,268.97	51,227.69
		STEP F	25.2370	37.8555	2,018.96	4,374.41	52,492.96
		STEP G	25.8602	38.7903	2,068.81	4,482.43	53,789.21
		STEP H	26.4988	39.7482	2,119.90	4,593.12	55,117.50
		STEP I	27.1532	40.7298	2,172.25	4,706.55	56,478.65
		STEP J	27.8238	41.7357	2,225.90	4,822.79	57,873.50
		STEP K	28.5109	42.7663	2,280.87	4,941.88	59,302.67
		STEP L	29.2150	43.8225	2,337.20	5,063.93	60,767.20
		STEP M	29.9365	44.9047	2,394.92	5,188.99	62,267.92
		STEP N	30.6758	46.0137	2,454.06	5,317.13	63,805.66
		STEP O	31.4333	47.1499	2,514.66	5,448.43	65,381.26

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B440	ENGINEERING TECHNICIAN I	STEP A	21.1552	31.7328	1,692.41	3,666.90	44,002.81
		STEP B	21.6775	32.5162	1,734.20	3,757.43	45,089.20
		STEP C	22.2129	33.3193	1,777.03	3,850.23	46,202.83
		STEP D	22.7614	34.1421	1,820.91	3,945.30	47,343.71
		STEP E	23.3235	34.9852	1,865.88	4,042.74	48,512.88
		STEP F	23.8995	35.8492	1,911.96	4,142.58	49,710.96
		STEP G	24.4897	36.7345	1,959.17	4,244.88	50,938.57
		STEP H	25.0945	37.6417	2,007.56	4,349.71	52,196.56
		STEP I	25.7142	38.5713	2,057.13	4,457.12	53,485.53
		STEP J	26.3493	39.5239	2,107.94	4,567.21	54,806.54
		STEP K	27.0000	40.5000	2,160.00	4,680.00	56,160.00
		STEP L	27.6667	41.5000	2,213.33	4,795.56	57,546.73
		STEP M	28.3500	42.5250	2,268.00	4,914.00	58,968.00
		STEP N	29.0501	43.5751	2,324.00	5,035.35	60,424.20
		STEP O	29.7675	44.6512	2,381.40	5,159.70	61,916.40
B441	ENGINEERING TECHNICIAN II	STEP A	23.2707	34.9060	1,861.65	4,033.58	48,403.05
		STEP B	23.8453	35.7679	1,907.62	4,133.18	49,598.22
		STEP C	24.4341	36.6511	1,954.72	4,235.24	50,822.92
		STEP D	25.0375	37.5562	2,003.00	4,339.83	52,078.00
		STEP E	25.6559	38.4838	2,052.47	4,447.02	53,364.27
		STEP F	26.2894	39.4341	2,103.15	4,556.82	54,681.95
		STEP G	26.9387	40.4080	2,155.09	4,669.37	56,032.49
		STEP H	27.6039	41.4058	2,208.31	4,784.67	57,416.11
		STEP I	28.2856	42.4284	2,262.84	4,902.83	58,834.04
		STEP J	28.9841	43.4761	2,318.72	5,023.91	60,286.92
		STEP K	29.6999	44.5498	2,375.99	5,147.98	61,775.79
		STEP L	30.4334	45.6501	2,434.67	5,275.12	63,301.47
		STEP M	31.1849	46.7773	2,494.79	5,405.38	64,864.59
		STEP N	31.9551	47.9326	2,556.40	5,538.88	66,466.60
		STEP O	32.7442	49.1163	2,619.53	5,675.66	68,107.93
B442	ENVIRONMENTAL COMPL SPEC I	STEP A	23.0837	34.6255	1,846.69	4,001.17	48,014.09
		STEP B	23.6537	35.4805	1,892.29	4,099.97	49,199.69
		STEP C	24.2378	36.3567	1,939.02	4,201.21	50,414.62
		STEP D	24.8364	37.2546	1,986.91	4,304.97	51,659.71
		STEP E	25.4497	38.1745	2,035.97	4,411.28	52,935.37
		STEP F	26.0782	39.1173	2,086.25	4,520.22	54,242.65
		STEP G	26.7222	40.0833	2,137.77	4,631.84	55,582.17
		STEP H	27.3821	41.0731	2,190.56	4,746.23	56,954.76
		STEP I	28.0583	42.0874	2,244.66	4,863.43	58,361.26
		STEP J	28.7513	43.1269	2,300.10	4,983.55	59,802.70
		STEP K	29.4613	44.1919	2,356.90	5,106.62	61,279.50
		STEP L	30.1888	45.2832	2,415.10	5,232.72	62,792.70
		STEP M	30.9344	46.4016	2,474.75	5,361.96	64,343.55
		STEP N	31.6983	47.5474	2,535.86	5,494.37	65,932.46
		STEP O	32.4811	48.7216	2,598.48	5,630.05	67,560.68

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B443	ENVIRONMENTAL COMPL SPEC II	STEP A	25.3897	38.0845	2,031.17	4,400.88	52,810.57
		STEP B	26.0166	39.0249	2,081.32	4,509.54	54,114.52
		STEP C	26.6591	39.9886	2,132.72	4,620.91	55,450.92
		STEP D	27.3175	40.9762	2,185.40	4,735.03	56,820.40
		STEP E	27.9921	41.9881	2,239.36	4,851.96	58,223.56
		STEP F	28.6834	43.0251	2,294.67	4,971.78	59,661.47
		STEP G	29.3917	44.0875	2,351.33	5,094.56	61,134.73
		STEP H	30.1176	45.1764	2,409.40	5,220.38	62,644.60
		STEP I	30.8613	46.2919	2,468.90	5,349.29	64,191.50
		STEP J	31.6234	47.4351	2,529.87	5,481.38	65,776.67
		STEP K	32.4044	48.6066	2,592.35	5,616.76	67,401.15
		STEP L	33.2046	49.8069	2,656.36	5,755.46	69,065.56
		STEP M	34.0246	51.0369	2,721.96	5,897.59	70,771.16
		STEP N	34.8649	52.2973	2,789.19	6,043.24	72,518.99
		STEP O	35.7259	53.5888	2,858.07	6,192.48	74,309.87
B444	EQUIPMENT SERVICEWORKER	STEP A	19.1038	28.6557	1,528.30	3,311.32	39,735.90
		STEP B	19.5756	29.3634	1,566.04	3,393.10	40,717.24
		STEP C	20.0591	30.0886	1,604.72	3,476.91	41,722.92
		STEP D	20.5544	30.8316	1,644.35	3,562.76	42,753.15
		STEP E	21.0621	31.5931	1,684.96	3,650.76	43,809.16
		STEP F	21.5822	32.3733	1,726.57	3,740.91	44,890.97
		STEP G	22.1151	33.1726	1,769.20	3,833.28	45,999.40
		STEP H	22.6613	33.9919	1,812.90	3,927.95	47,135.50
		STEP I	23.2209	34.8313	1,857.67	4,024.95	48,299.47
		STEP J	23.7944	35.6916	1,903.55	4,124.36	49,492.35
		STEP K	24.3820	36.5730	1,950.56	4,226.21	50,714.56
		STEP L	24.9841	37.4761	1,998.72	4,330.57	51,966.92
		STEP M	25.6011	38.4016	2,048.08	4,437.52	53,250.28
		STEP N	26.2334	39.3501	2,098.67	4,547.12	54,565.47
		STEP O	26.8812	40.3218	2,150.49	4,659.40	55,912.89
B973	ERP BUSINESS ANALYST I	STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	32.6886	49.0329	2,615.08	5,666.02	67,992.28
		STEP C	33.4958	50.2437	2,679.66	5,805.93	69,671.26
		STEP D	34.3230	51.4845	2,745.84	5,949.32	71,391.84
		STEP E	35.1707	52.7560	2,813.65	6,096.25	73,155.05
		STEP F	36.0392	54.0588	2,883.13	6,246.79	74,961.53
		STEP G	36.9292	55.3938	2,954.33	6,401.06	76,812.73
		STEP H	37.8412	56.7618	3,027.29	6,559.14	78,709.69
		STEP I	38.7757	58.1635	3,102.05	6,721.12	80,653.45
		STEP J	39.7333	59.5999	3,178.66	6,887.10	82,645.26
		STEP K	40.7145	61.0717	3,257.16	7,057.18	84,686.16
		STEP L	41.7200	62.5800	3,337.60	7,231.46	86,777.60
		STEP M	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP N	43.8060	65.7090	3,504.48	7,593.04	91,116.48
		STEP O	44.8878	67.3317	3,591.02	7,780.55	93,366.62

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B974	ERP BUSINESS ANALYST II	STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	35.9044	53.8566	2,872.35	6,223.42	74,681.15
		STEP C	36.7911	55.1866	2,943.28	6,377.12	76,525.48
		STEP D	37.6997	56.5495	3,015.97	6,534.61	78,415.37
		STEP E	38.6307	57.9460	3,090.45	6,695.98	80,351.85
		STEP F	39.5847	59.3770	3,166.77	6,861.34	82,336.17
		STEP G	40.5623	60.8434	3,244.98	7,030.79	84,369.58
		STEP H	41.5640	62.3460	3,325.12	7,204.42	86,453.12
		STEP I	42.5904	63.8856	3,407.23	7,382.33	88,588.03
		STEP J	43.6422	65.4633	3,491.37	7,564.64	90,775.77
		STEP K	44.7199	67.0798	3,577.59	7,751.44	93,017.39
		STEP L	45.8243	68.7364	3,665.94	7,942.87	95,314.54
		STEP M	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP N	48.1156	72.1734	3,849.24	8,340.03	100,080.44
		STEP O	49.3038	73.9557	3,944.30	8,545.99	102,551.90
B445	FINANCE CLERK I	STEP A	16.5094	24.7641	1,320.75	2,861.62	34,339.55
		STEP B	16.9171	25.3756	1,353.36	2,932.29	35,187.56
		STEP C	17.3349	26.0023	1,386.79	3,004.71	36,056.59
		STEP D	17.7630	26.6445	1,421.04	3,078.92	36,947.04
		STEP E	18.2017	27.3025	1,456.13	3,154.96	37,859.53
		STEP F	18.6511	27.9766	1,492.08	3,232.85	38,794.28
		STEP G	19.1117	28.6675	1,528.93	3,312.69	39,752.33
		STEP H	19.5837	29.3755	1,566.69	3,394.50	40,734.09
		STEP I	20.0674	30.1011	1,605.39	3,478.34	41,740.19
		STEP J	20.5629	30.8443	1,645.03	3,564.23	42,770.83
		STEP K	21.0708	31.6062	1,685.66	3,652.27	43,827.26
		STEP L	21.5911	32.3866	1,727.28	3,742.45	44,909.48
		STEP M	22.1243	33.1864	1,769.94	3,834.87	46,018.54
		STEP N	22.6706	34.0059	1,813.64	3,929.57	47,154.84
		STEP O	23.2305	34.8457	1,858.44	4,026.62	48,319.44
B446	FINANCE CLERK II	STEP A	18.1604	27.2406	1,452.83	3,147.80	37,773.63
		STEP B	18.6088	27.9132	1,488.70	3,225.52	38,706.30
		STEP C	19.0683	28.6024	1,525.46	3,305.17	39,662.06
		STEP D	19.5392	29.3088	1,563.13	3,386.79	40,641.53
		STEP E	20.0217	30.0325	1,601.73	3,470.42	41,645.13
		STEP F	20.5162	30.7743	1,641.29	3,556.14	42,673.69
		STEP G	21.0228	31.5342	1,681.82	3,643.95	43,727.42
		STEP H	21.5420	32.3130	1,723.36	3,733.94	44,807.36
		STEP I	22.0740	33.1110	1,765.92	3,826.16	45,913.92
		STEP J	22.6191	33.9286	1,809.52	3,920.64	47,047.72
		STEP K	23.1777	34.7665	1,854.21	4,017.46	48,209.61
		STEP L	23.7501	35.6251	1,900.00	4,116.68	49,400.20
		STEP M	24.3366	36.5049	1,946.92	4,218.34	50,620.12
		STEP N	24.9376	37.4064	1,995.00	4,322.51	51,870.20
		STEP O	25.5534	38.3301	2,044.27	4,429.25	53,151.07

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B447	FINANCE TECHNICIAN I	STEP A	18.9576	28.4364	1,516.60	3,285.98	39,431.80
		STEP B	19.4257	29.1385	1,554.05	3,367.12	40,405.45
		STEP C	19.9054	29.8581	1,592.43	3,450.26	41,403.23
		STEP D	20.3969	30.5953	1,631.75	3,535.46	42,425.55
		STEP E	20.9007	31.3510	1,672.05	3,622.78	43,473.45
		STEP F	21.4168	32.1252	1,713.34	3,712.24	44,546.94
		STEP G	21.9457	32.9185	1,755.65	3,803.92	45,647.05
		STEP H	22.4877	33.7315	1,799.01	3,897.86	46,774.41
		STEP I	23.0430	34.5645	1,843.44	3,994.12	47,929.44
		STEP J	23.6121	35.4181	1,888.96	4,092.76	49,113.16
		STEP K	24.1952	36.2928	1,935.61	4,193.83	50,326.01
		STEP L	24.7927	37.1890	1,983.41	4,297.40	51,568.81
		STEP M	25.4049	38.1073	2,032.39	4,403.51	52,842.19
		STEP N	26.0323	39.0484	2,082.58	4,512.26	54,147.18
		STEP O	26.6752	40.0128	2,134.01	4,623.70	55,484.41
B448	FINANCE TECHNICIAN II	STEP A	20.8535	31.2802	1,668.28	3,614.60	43,375.28
		STEP B	21.3682	32.0523	1,709.45	3,703.82	44,445.85
		STEP C	21.8959	32.8438	1,751.67	3,795.28	45,543.47
		STEP D	22.4366	33.6549	1,794.92	3,889.01	46,668.12
		STEP E	22.9907	34.4860	1,839.25	3,985.05	47,820.65
		STEP F	23.5585	35.3377	1,884.68	4,083.47	49,001.68
		STEP G	24.1403	36.2104	1,931.22	4,184.31	50,211.82
		STEP H	24.7364	37.1046	1,978.91	4,287.64	51,451.71
		STEP I	25.3473	38.0209	2,027.78	4,393.53	52,722.38
		STEP J	25.9733	38.9599	2,077.86	4,502.03	54,024.46
		STEP K	26.6147	39.9220	2,129.17	4,613.21	55,358.57
		STEP L	27.2719	40.9078	2,181.75	4,727.12	56,725.55
		STEP M	27.9454	41.9181	2,235.63	4,843.86	58,126.43
		STEP N	28.6356	42.9534	2,290.84	4,963.50	59,562.04
		STEP O	29.3427	44.0140	2,347.41	5,086.06	61,032.81
B556	FINANCE UTIL BILLING ANALYST I	STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	32.6886	49.0329	2,615.08	5,666.02	67,992.28
		STEP C	33.4958	50.2437	2,679.66	5,805.93	69,671.26
		STEP D	34.3230	51.4845	2,745.84	5,949.32	71,391.84
		STEP E	35.1707	52.7560	2,813.65	6,096.25	73,155.05
		STEP F	36.0392	54.0588	2,883.13	6,246.79	74,961.53
		STEP G	36.9292	55.3938	2,954.33	6,401.06	76,812.73
		STEP H	37.8412	56.7618	3,027.29	6,559.14	78,709.69
		STEP I	38.7757	58.1635	3,102.05	6,721.12	80,653.45
		STEP J	39.7333	59.5999	3,178.66	6,887.10	82,645.26
		STEP K	40.7145	61.0717	3,257.16	7,057.18	84,686.16
		STEP L	41.7200	62.5800	3,337.60	7,231.46	86,777.60
		STEP M	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP N	43.8060	65.7090	3,504.48	7,593.04	91,116.48
		STEP O	44.8878	67.3317	3,591.02	7,780.55	93,366.62

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B557	FINANCE UTIL BILLNG ANALYST II	STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	35.9044	53.8566	2,872.35	6,223.42	74,681.15
		STEP C	36.7911	55.1866	2,943.28	6,377.12	76,525.48
		STEP D	37.6997	56.5495	3,015.97	6,534.61	78,415.37
		STEP E	38.6307	57.9460	3,090.45	6,695.98	80,351.85
		STEP F	39.5847	59.3770	3,166.77	6,861.34	82,336.17
		STEP G	40.5623	60.8434	3,244.98	7,030.79	84,369.58
		STEP H	41.5640	62.3460	3,325.12	7,204.42	86,453.12
		STEP I	42.5904	63.8856	3,407.23	7,382.33	88,588.03
		STEP J	43.6422	65.4633	3,491.37	7,564.64	90,775.77
		STEP K	44.7199	67.0798	3,577.59	7,751.44	93,017.39
		STEP L	45.8243	68.7364	3,665.94	7,942.87	95,314.54
		STEP M	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP N	48.1156	72.1734	3,849.24	8,340.03	100,080.44
		STEP O	49.3038	73.9557	3,944.30	8,545.99	102,551.90
B449	FINANCIAL ANALYST I	STEP A	31.9009	47.8513	2,552.07	5,529.48	66,353.87
		STEP B	32.6886	49.0329	2,615.08	5,666.02	67,992.28
		STEP C	33.4958	50.2437	2,679.66	5,805.93	69,671.26
		STEP D	34.3230	51.4845	2,745.84	5,949.32	71,391.84
		STEP E	35.1707	52.7560	2,813.65	6,096.25	73,155.05
		STEP F	36.0392	54.0588	2,883.13	6,246.79	74,961.53
		STEP G	36.9292	55.3938	2,954.33	6,401.06	76,812.73
		STEP H	37.8412	56.7618	3,027.29	6,559.14	78,709.69
		STEP I	38.7757	58.1635	3,102.05	6,721.12	80,653.45
		STEP J	39.7333	59.5999	3,178.66	6,887.10	82,645.26
		STEP K	40.7145	61.0717	3,257.16	7,057.18	84,686.16
		STEP L	41.7200	62.5800	3,337.60	7,231.46	86,777.60
		STEP M	42.7503	64.1254	3,420.02	7,410.05	88,920.62
		STEP N	43.8060	65.7090	3,504.48	7,593.04	91,116.48
		STEP O	44.8878	67.3317	3,591.02	7,780.55	93,366.62
B450	FINANCIAL ANALYST II	STEP A	35.0393	52.5589	2,803.14	6,073.47	72,881.74
		STEP B	35.9044	53.8566	2,872.35	6,223.42	74,681.15
		STEP C	36.7911	55.1866	2,943.28	6,377.12	76,525.48
		STEP D	37.6997	56.5495	3,015.97	6,534.61	78,415.37
		STEP E	38.6307	57.9460	3,090.45	6,695.98	80,351.85
		STEP F	39.5847	59.3770	3,166.77	6,861.34	82,336.17
		STEP G	40.5623	60.8434	3,244.98	7,030.79	84,369.58
		STEP H	41.5640	62.3460	3,325.12	7,204.42	86,453.12
		STEP I	42.5904	63.8856	3,407.23	7,382.33	88,588.03
		STEP J	43.6422	65.4633	3,491.37	7,564.64	90,775.77
		STEP K	44.7199	67.0798	3,577.59	7,751.44	93,017.39
		STEP L	45.8243	68.7364	3,665.94	7,942.87	95,314.54
		STEP M	46.9560	70.4340	3,756.48	8,139.04	97,668.48
		STEP N	48.1156	72.1734	3,849.24	8,340.03	100,080.44
		STEP O	49.3038	73.9557	3,944.30	8,545.99	102,551.90

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B453	FLEET MANAGEMENT TECHNICIAN	STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.2381	40.8571	2,179.04	4,721.27	56,655.24
		STEP C	27.9108	41.8662	2,232.86	4,837.87	58,054.46
		STEP D	28.6000	42.9000	2,288.00	4,957.33	59,488.00
		STEP E	29.3063	43.9594	2,344.50	5,079.75	60,957.10
		STEP F	30.0300	45.0450	2,402.40	5,205.20	62,462.40
		STEP G	30.7717	46.1575	2,461.73	5,333.76	64,005.13
		STEP H	31.5316	47.2974	2,522.52	5,465.47	65,585.72
		STEP I	32.3102	48.4653	2,584.81	5,600.43	67,205.21
		STEP J	33.1082	49.6623	2,648.65	5,738.75	68,865.05
		STEP K	33.9257	50.8885	2,714.05	5,880.45	70,565.45
		STEP L	34.7635	52.1452	2,781.08	6,025.67	72,308.08
		STEP M	35.6221	53.4331	2,849.76	6,174.49	74,093.96
		STEP N	36.5017	54.7525	2,920.13	6,326.96	75,923.53
		STEP O	37.4032	56.1048	2,992.25	6,483.22	77,798.65
B454	GIS ANALYST I	STEP A	26.4993	39.7489	2,119.94	4,593.21	55,118.54
		STEP B	27.1535	40.7302	2,172.28	4,706.60	56,479.28
		STEP C	27.8241	41.7361	2,225.92	4,822.84	57,874.12
		STEP D	28.5112	42.7668	2,280.89	4,941.94	59,303.29
		STEP E	29.2154	43.8231	2,337.23	5,064.00	60,768.03
		STEP F	29.9368	44.9052	2,394.94	5,189.04	62,268.54
		STEP G	30.6761	46.0141	2,454.08	5,317.19	63,806.28
		STEP H	31.4336	47.1504	2,514.68	5,448.49	65,381.88
		STEP I	32.2100	48.3150	2,576.80	5,583.06	66,996.80
		STEP J	33.0054	49.5081	2,640.43	5,720.93	68,651.23
		STEP K	33.8204	50.7306	2,705.63	5,862.20	70,346.43
		STEP L	34.6557	51.9835	2,772.45	6,006.98	72,083.85
		STEP M	35.5115	53.2672	2,840.92	6,155.32	73,863.92
		STEP N	36.3885	54.5827	2,911.08	6,307.34	75,688.08
		STEP O	37.2871	55.9306	2,982.96	6,463.09	77,557.16
B455	GIS ANALYST II	STEP A	29.3657	44.0485	2,349.25	5,090.05	61,080.65
		STEP B	30.0906	45.1359	2,407.24	5,215.70	62,588.44
		STEP C	30.8337	46.2505	2,466.69	5,344.50	64,134.09
		STEP D	31.5952	47.3928	2,527.61	5,476.50	65,718.01
		STEP E	32.3754	48.5631	2,590.03	5,611.73	67,340.83
		STEP F	33.1750	49.7625	2,654.00	5,750.33	69,004.00
		STEP G	33.9943	50.9914	2,719.54	5,892.34	70,708.14
		STEP H	34.8337	52.2505	2,786.69	6,037.84	72,454.09
		STEP I	35.6940	53.5410	2,855.52	6,186.96	74,243.52
		STEP J	36.5744	54.8616	2,925.95	6,339.56	76,074.75
		STEP K	37.4787	56.2180	2,998.29	6,496.30	77,955.69
		STEP L	38.4042	57.6063	3,072.33	6,656.72	79,880.73
		STEP M	39.3526	59.0289	3,148.20	6,821.11	81,853.40
		STEP N	40.3245	60.4867	3,225.96	6,989.58	83,874.96
		STEP O	41.3203	61.9804	3,305.62	7,162.18	85,946.22

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B953	GIS TECHNICIAN I	STEP A	21.1552	31.7328	1,692.41	3,666.90	44,002.81
		STEP B	21.6775	32.5162	1,734.20	3,757.43	45,089.20
		STEP C	22.2128	33.3192	1,777.02	3,850.21	46,202.62
		STEP D	22.7614	34.1421	1,820.91	3,945.30	47,343.71
		STEP E	23.3235	34.9852	1,865.88	4,042.74	48,512.88
		STEP F	23.8995	35.8492	1,911.96	4,142.58	49,710.96
		STEP G	24.4897	36.7345	1,959.17	4,244.88	50,938.57
		STEP H	25.0945	37.6417	2,007.56	4,349.71	52,196.56
		STEP I	25.7142	38.5713	2,057.13	4,457.12	53,485.53
		STEP J	26.3492	39.5238	2,107.93	4,567.19	54,806.33
		STEP K	26.9999	40.4998	2,159.99	4,679.98	56,159.79
		STEP L	27.6667	41.5000	2,213.33	4,795.56	57,546.73
		STEP M	28.3499	42.5248	2,267.99	4,913.98	58,967.79
		STEP N	29.0501	43.5751	2,324.00	5,035.35	60,424.20
		STEP O	29.7675	44.6512	2,381.40	5,159.70	61,916.40
B954	GIS TECHNICIAN II	STEP A	23.2707	34.9060	1,861.65	4,033.58	48,403.05
		STEP B	23.8453	35.7679	1,907.62	4,133.18	49,598.22
		STEP C	24.4341	36.6511	1,954.72	4,235.24	50,822.92
		STEP D	25.0375	37.5562	2,003.00	4,339.83	52,078.00
		STEP E	25.6559	38.4838	2,052.47	4,447.02	53,364.27
		STEP F	26.2894	39.4341	2,103.15	4,556.82	54,681.95
		STEP G	26.9387	40.4080	2,155.09	4,669.37	56,032.49
		STEP H	27.6039	41.4058	2,208.31	4,784.67	57,416.11
		STEP I	28.2856	42.4284	2,262.84	4,902.83	58,834.04
		STEP J	28.9841	43.4761	2,318.72	5,023.91	60,286.92
		STEP K	29.6999	44.5498	2,375.99	5,147.98	61,775.79
		STEP L	30.4334	45.6501	2,434.67	5,275.12	63,301.47
		STEP M	31.1849	46.7773	2,494.79	5,405.38	64,864.59
		STEP N	31.9551	47.9326	2,556.40	5,538.88	66,466.60
		STEP O	32.7442	49.1163	2,619.53	5,675.66	68,107.93
B456	HOUSING ANALYST I	STEP A	26.6686	40.0029	2,133.48	4,622.55	55,470.68
		STEP B	27.3270	40.9905	2,186.16	4,736.68	56,840.16
		STEP C	28.0020	42.0030	2,240.16	4,853.68	58,244.16
		STEP D	28.6934	43.0401	2,295.47	4,973.52	59,682.27
		STEP E	29.4020	44.1030	2,352.16	5,096.34	61,156.16
		STEP F	30.1281	45.1921	2,410.24	5,222.20	62,666.44
		STEP G	30.8721	46.3081	2,469.76	5,351.16	64,213.96
		STEP H	31.6346	47.4519	2,530.76	5,483.33	65,799.96
		STEP I	32.4158	48.6237	2,593.26	5,618.73	67,424.86
		STEP J	33.2163	49.8244	2,657.30	5,757.49	69,089.90
		STEP K	34.0366	51.0549	2,722.92	5,899.67	70,796.12
		STEP L	34.8772	52.3158	2,790.17	6,045.38	72,544.57
		STEP M	35.7385	53.6077	2,859.08	6,194.67	74,336.08
		STEP N	36.6211	54.9316	2,929.68	6,347.65	76,171.88
		STEP O	37.5254	56.2881	3,002.03	6,504.40	78,052.83

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B457	HOUSING ANALYST II	STEP A	29.3354	44.0031	2,346.83	5,084.80	61,017.63
		STEP B	30.0599	45.0898	2,404.79	5,210.38	62,524.59
		STEP C	30.8023	46.2034	2,464.18	5,339.06	64,068.78
		STEP D	31.5629	47.3443	2,525.03	5,470.90	65,650.83
		STEP E	32.3424	48.5136	2,587.39	5,606.01	67,272.19
		STEP F	33.1410	49.7115	2,651.28	5,744.44	68,933.28
		STEP G	33.9595	50.9392	2,716.76	5,886.31	70,635.76
		STEP H	34.7981	52.1971	2,783.84	6,031.67	72,380.04
		STEP I	35.6575	53.4862	2,852.60	6,180.63	74,167.60
		STEP J	36.5380	54.8070	2,923.04	6,333.25	75,999.04
		STEP K	37.4404	56.1606	2,995.23	6,489.66	77,876.03
		STEP L	38.3650	57.5475	3,069.20	6,649.93	79,799.20
		STEP M	39.3124	58.9686	3,144.99	6,814.14	81,769.79
		STEP N	40.2833	60.4249	3,222.66	6,982.43	83,789.26
		STEP O	41.2781	61.9171	3,302.24	7,154.87	85,858.44
B458	HOUSING TECHNICIAN I	STEP A	20.3504	30.5256	1,628.03	3,527.40	42,328.83
		STEP B	20.8529	31.2793	1,668.23	3,614.50	43,374.03
		STEP C	21.3679	32.0518	1,709.43	3,703.76	44,445.23
		STEP D	21.8956	32.8434	1,751.64	3,795.23	45,542.84
		STEP E	22.4363	33.6544	1,794.90	3,888.95	46,667.50
		STEP F	22.9904	34.4856	1,839.23	3,985.00	47,820.03
		STEP G	23.5581	35.3371	1,884.64	4,083.40	49,000.84
		STEP H	24.1399	36.2098	1,931.19	4,184.24	50,210.99
		STEP I	24.7360	37.1040	1,978.88	4,287.57	51,450.88
		STEP J	25.3469	38.0203	2,027.75	4,393.46	52,721.55
		STEP K	25.9728	38.9592	2,077.82	4,501.95	54,023.42
		STEP L	26.6143	39.9214	2,129.14	4,613.14	55,357.74
		STEP M	27.2715	40.9072	2,181.72	4,727.06	56,724.72
		STEP N	27.9450	41.9175	2,235.60	4,843.80	58,125.60
		STEP O	28.6351	42.9526	2,290.80	4,963.41	59,561.00
B459	HOUSING TECHNICIAN II	STEP A	22.3877	33.5815	1,791.01	3,880.53	46,566.41
		STEP B	22.9404	34.4106	1,835.23	3,976.33	47,716.03
		STEP C	23.5070	35.2605	1,880.56	4,074.54	48,894.56
		STEP D	24.0875	36.1312	1,927.00	4,175.16	50,102.00
		STEP E	24.6823	37.0234	1,974.58	4,278.26	51,339.18
		STEP F	25.2919	37.9378	2,023.35	4,383.92	52,607.15
		STEP G	25.9165	38.8747	2,073.32	4,492.19	53,906.32
		STEP H	26.5565	39.8347	2,124.52	4,603.12	55,237.52
		STEP I	27.2123	40.8184	2,176.98	4,716.79	56,601.58
		STEP J	27.8843	41.8264	2,230.74	4,833.27	57,999.34
		STEP K	28.5729	42.8593	2,285.83	4,952.63	59,431.63
		STEP L	29.2786	43.9179	2,342.28	5,074.95	60,899.48
		STEP M	30.0016	45.0024	2,400.12	5,200.27	62,403.32
		STEP N	30.7425	46.1137	2,459.40	5,328.70	63,944.40
		STEP O	31.5017	47.2525	2,520.13	5,460.29	65,523.53

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B460	INDUSTRIAL WASTE SPECIALIST	STEP A	28.1256	42.1884	2,250.04	4,875.10	58,501.24
		STEP B	28.8200	43.2300	2,305.60	4,995.46	59,945.60
		STEP C	29.5317	44.2975	2,362.53	5,118.82	61,425.93
		STEP D	30.2610	45.3915	2,420.88	5,245.24	62,942.88
		STEP E	31.0083	46.5124	2,480.66	5,374.77	64,497.26
		STEP F	31.7741	47.6611	2,541.92	5,507.51	66,090.12
		STEP G	32.5588	48.8382	2,604.70	5,643.52	67,722.30
		STEP H	33.3628	50.0442	2,669.02	5,782.88	69,394.62
		STEP I	34.1867	51.2800	2,734.93	5,925.69	71,108.33
		STEP J	35.0310	52.5465	2,802.48	6,072.04	72,864.48
		STEP K	35.8961	53.8441	2,871.68	6,221.99	74,663.88
		STEP L	36.7826	55.1739	2,942.60	6,375.65	76,507.80
		STEP M	37.6909	56.5363	3,015.27	6,533.08	78,397.07
		STEP N	38.6217	57.9325	3,089.73	6,694.42	80,333.13
		STEP O	39.5755	59.3632	3,166.04	6,859.75	82,317.04
B461	INDUSTRIAL WASTE TECHNICIAN	STEP A	24.4546	36.6819	1,956.36	4,238.79	50,865.56
		STEP B	25.0584	37.5876	2,004.67	4,343.45	52,121.47
		STEP C	25.6772	38.5158	2,054.17	4,450.71	53,408.57
		STEP D	26.3114	39.4671	2,104.91	4,560.64	54,727.71
		STEP E	26.9611	40.4416	2,156.88	4,673.25	56,079.08
		STEP F	27.6269	41.4403	2,210.15	4,788.66	57,463.95
		STEP G	28.3092	42.4638	2,264.73	4,906.92	58,883.13
		STEP H	29.0083	43.5124	2,320.66	5,028.10	60,337.26
		STEP I	29.7247	44.5870	2,377.97	5,152.28	61,827.37
		STEP J	30.4587	45.6880	2,436.69	5,279.50	63,354.09
		STEP K	31.2109	46.8163	2,496.87	5,409.88	64,918.67
		STEP L	31.9817	47.9725	2,558.53	5,543.49	66,521.93
		STEP M	32.7715	49.1572	2,621.72	5,680.39	68,164.72
		STEP N	33.5808	50.3712	2,686.46	5,820.67	69,848.06
		STEP O	34.4101	51.6151	2,752.80	5,964.41	71,573.00
B463	INTERPRETIVE SRVC SPECIALST I	STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	20.8051	31.2076	1,664.40	3,606.21	43,274.60
		STEP C	21.3188	31.9782	1,705.50	3,695.25	44,343.10
		STEP D	21.8453	32.7679	1,747.62	3,786.51	45,438.22
		STEP E	22.3848	33.5772	1,790.78	3,880.03	46,560.38
		STEP F	22.9376	34.4064	1,835.00	3,975.85	47,710.20
		STEP G	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP H	24.0845	36.1267	1,926.76	4,174.64	50,095.76
		STEP I	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP J	25.2887	37.9330	2,023.09	4,383.37	52,600.49
		STEP K	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP L	26.5532	39.8298	2,124.25	4,602.55	55,230.65
		STEP M	27.2089	40.8133	2,176.71	4,716.20	56,594.51
		STEP N	27.8809	41.8213	2,230.47	4,832.68	57,992.27
		STEP O	28.5694	42.8541	2,285.55	4,952.02	59,424.35

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B462	INTERPRETIVE SRVC SPECIALST II	STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	22.8855	34.3282	1,830.84	3,966.82	47,601.84
		STEP C	23.4507	35.1760	1,876.05	4,064.78	48,777.45
		STEP D	24.0298	36.0447	1,922.38	4,165.16	49,981.98
		STEP E	24.6233	36.9349	1,969.86	4,268.03	51,216.46
		STEP F	25.2313	37.8469	2,018.50	4,373.42	52,481.10
		STEP G	25.8544	38.7816	2,068.35	4,481.42	53,777.15
		STEP H	26.4929	39.7393	2,119.43	4,592.10	55,105.23
		STEP I	27.1472	40.7208	2,171.77	4,705.51	56,466.17
		STEP J	27.8176	41.7264	2,225.40	4,821.71	57,860.60
		STEP K	28.5045	42.7567	2,280.36	4,940.78	59,289.36
		STEP L	29.2085	43.8127	2,336.68	5,062.80	60,753.68
		STEP M	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP N	30.6689	46.0033	2,453.51	5,315.94	63,791.31
		STEP O	31.4263	47.1394	2,514.10	5,447.22	65,366.70
B464	IRRIGATION TECHNICIAN	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.3223	37.9834	2,025.78	4,389.19	52,670.38
		STEP C	25.9477	38.9215	2,075.81	4,497.60	53,971.21
		STEP D	26.5884	39.8826	2,127.07	4,608.65	55,303.87
		STEP E	27.2451	40.8676	2,179.60	4,722.48	56,669.80
		STEP F	27.9179	41.8768	2,233.43	4,839.10	58,069.23
		STEP G	28.6073	42.9109	2,288.58	4,958.59	59,503.18
		STEP H	29.3139	43.9708	2,345.11	5,081.07	60,972.91
		STEP I	30.0378	45.0567	2,403.02	5,206.55	62,478.62
		STEP J	30.7795	46.1692	2,462.36	5,335.11	64,021.36
		STEP K	31.5396	47.3094	2,523.16	5,466.86	65,602.36
		STEP L	32.3185	48.4777	2,585.48	5,601.87	67,222.48
		STEP M	33.1166	49.6749	2,649.32	5,740.21	68,882.52
		STEP N	33.9345	50.9017	2,714.76	5,881.98	70,583.76
		STEP O	34.7725	52.1587	2,781.80	6,027.23	72,326.80
B465	IT ANALYST I	STEP A	27.9469	41.9203	2,235.75	4,844.12	58,129.55
		STEP B	28.6369	42.9553	2,290.95	4,963.72	59,564.75
		STEP C	29.3441	44.0161	2,347.52	5,086.31	61,035.72
		STEP D	30.0688	45.1032	2,405.50	5,211.92	62,543.10
		STEP E	30.8113	46.2169	2,464.90	5,340.62	64,087.50
		STEP F	31.5723	47.3584	2,525.78	5,472.53	65,670.38
		STEP G	32.3520	48.5280	2,588.16	5,607.68	67,292.16
		STEP H	33.1508	49.7262	2,652.06	5,746.13	68,953.66
		STEP I	33.9696	50.9544	2,717.56	5,888.06	70,656.76
		STEP J	34.8084	52.2126	2,784.67	6,033.45	72,401.47
		STEP K	35.6681	53.5021	2,853.44	6,182.47	74,189.64
		STEP L	36.5488	54.8232	2,923.90	6,335.12	76,021.50
		STEP M	37.4514	56.1771	2,996.11	6,491.57	77,898.91
		STEP N	38.3764	57.5646	3,070.11	6,651.90	79,822.91
		STEP O	39.3241	58.9861	3,145.92	6,816.17	81,794.12

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B466	IT ANALYST II	STEP A	30.7418	46.1127	2,459.34	5,328.57	63,942.94
		STEP B	31.5006	47.2509	2,520.04	5,460.10	65,521.24
		STEP C	32.2785	48.4177	2,582.28	5,594.94	67,139.28
		STEP D	33.0756	49.6134	2,646.04	5,733.10	68,797.24
		STEP E	33.8925	50.8387	2,711.40	5,874.70	70,496.40
		STEP F	34.7295	52.0942	2,778.36	6,019.78	72,237.36
		STEP G	35.5871	53.3806	2,846.96	6,168.43	74,021.16
		STEP H	36.4659	54.6988	2,917.27	6,320.75	75,849.07
		STEP I	37.3665	56.0497	2,989.32	6,476.86	77,722.32
		STEP J	38.2893	57.4339	3,063.14	6,636.81	79,641.74
		STEP K	39.2348	58.8522	3,138.78	6,800.69	81,608.38
		STEP L	40.2038	60.3057	3,216.30	6,968.65	83,623.90
		STEP M	41.1966	61.7949	3,295.72	7,140.74	85,688.92
		STEP N	42.2140	63.3210	3,377.12	7,317.09	87,805.12
		STEP O	43.2565	64.8847	3,460.52	7,497.79	89,973.52
B469	IT PLANNING & POLICY TECH	STEP A	23.9838	35.9757	1,918.70	4,157.19	49,886.30
		STEP B	24.5760	36.8640	1,966.08	4,259.84	51,118.08
		STEP C	25.1829	37.7743	2,014.63	4,365.03	52,380.43
		STEP D	25.8048	38.7072	2,064.38	4,472.83	53,673.98
		STEP E	26.4420	39.6630	2,115.36	4,583.28	54,999.36
		STEP F	27.0950	40.6425	2,167.60	4,696.46	56,357.60
		STEP G	27.7642	41.6463	2,221.13	4,812.46	57,749.53
		STEP H	28.4498	42.6747	2,275.98	4,931.29	59,175.58
		STEP I	29.1524	43.7286	2,332.19	5,053.08	60,636.99
		STEP J	29.8723	44.8084	2,389.78	5,177.86	62,134.38
		STEP K	30.6100	45.9150	2,448.80	5,305.73	63,668.80
		STEP L	31.3660	47.0490	2,509.28	5,436.77	65,241.28
		STEP M	32.1406	48.2109	2,571.24	5,571.03	66,852.44
		STEP N	32.9343	49.4014	2,634.74	5,708.61	68,503.34
		STEP O	33.7476	50.6214	2,699.80	5,849.58	70,195.00
B470	IT TECHNICIAN I	STEP A	21.7292	32.5938	1,738.33	3,766.39	45,196.73
		STEP B	22.2657	33.3985	1,781.25	3,859.38	46,312.65
		STEP C	22.8156	34.2234	1,825.24	3,954.70	47,456.44
		STEP D	23.3790	35.0685	1,870.32	4,052.36	48,628.32
		STEP E	23.9564	35.9346	1,916.51	4,152.44	49,829.31
		STEP F	24.5480	36.8220	1,963.84	4,254.98	51,059.84
		STEP G	25.1542	37.7313	2,012.33	4,360.06	52,320.73
		STEP H	25.7754	38.6631	2,062.03	4,467.73	53,612.83
		STEP I	26.4120	39.6180	2,112.96	4,578.08	54,936.96
		STEP J	27.0642	40.5963	2,165.13	4,691.12	56,293.53
		STEP K	27.7326	41.5989	2,218.60	4,806.98	57,683.80
		STEP L	28.4174	42.6261	2,273.39	4,925.68	59,108.19
		STEP M	29.1192	43.6788	2,329.53	5,047.32	60,567.93
		STEP N	29.8383	44.7574	2,387.06	5,171.97	62,063.66
		STEP O	30.5752	45.8628	2,446.01	5,299.70	63,596.41

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B471	IT TECHNICIAN II	STEP A	23.9021	35.8531	1,912.16	4,143.03	49,716.36
		STEP B	24.4922	36.7383	1,959.37	4,245.31	50,943.77
		STEP C	25.0971	37.6456	2,007.76	4,350.16	52,201.96
		STEP D	25.7169	38.5753	2,057.35	4,457.59	53,491.15
		STEP E	26.3519	39.5278	2,108.15	4,567.66	54,811.95
		STEP F	27.0027	40.5040	2,160.21	4,680.46	56,165.61
		STEP G	27.6696	41.5044	2,213.56	4,796.06	57,552.76
		STEP H	28.3529	42.5293	2,268.23	4,914.50	58,974.03
		STEP I	29.0530	43.5795	2,324.24	5,035.85	60,430.24
		STEP J	29.7705	44.6557	2,381.64	5,160.22	61,922.64
		STEP K	30.5057	45.7585	2,440.45	5,287.65	63,451.85
		STEP L	31.2591	46.8886	2,500.72	5,418.24	65,018.92
		STEP M	32.0310	48.0465	2,562.48	5,552.04	66,624.48
		STEP N	32.8220	49.2330	2,625.76	5,689.14	68,269.76
		STEP O	33.6326	50.4489	2,690.60	5,829.65	69,955.80
B472	JR ENGINEER	STEP A	29.2990	43.9485	2,343.92	5,078.49	60,941.92
		STEP B	30.0225	45.0337	2,401.80	5,203.90	62,446.80
		STEP C	30.7639	46.1458	2,461.11	5,332.40	63,988.91
		STEP D	31.5236	47.2854	2,521.88	5,464.09	65,569.08
		STEP E	32.3021	48.4531	2,584.16	5,599.03	67,188.36
		STEP F	33.0998	49.6497	2,647.98	5,737.29	68,847.58
		STEP G	33.9172	50.8758	2,713.37	5,878.98	70,547.77
		STEP H	34.7548	52.1322	2,780.38	6,024.16	72,289.98
		STEP I	35.6131	53.4196	2,849.04	6,172.93	74,075.24
		STEP J	36.4926	54.7389	2,919.40	6,325.38	75,904.60
		STEP K	37.3938	56.0907	2,991.50	6,481.59	77,779.10
		STEP L	38.3172	57.4758	3,065.37	6,641.64	79,699.77
		STEP M	39.2635	58.8952	3,141.08	6,805.67	81,668.08
		STEP N	40.2331	60.3496	3,218.64	6,973.73	83,684.84
		STEP O	41.2267	61.8400	3,298.13	7,145.96	85,751.53
B473	LABORATORY TECHNICIAN I	STEP A	20.2263	30.3394	1,618.10	3,505.89	42,070.70
		STEP B	20.7258	31.0887	1,658.06	3,592.47	43,109.66
		STEP C	21.2376	31.8564	1,699.00	3,681.18	44,174.20
		STEP D	21.7621	32.6431	1,740.96	3,772.09	45,265.16
		STEP E	22.2995	33.4492	1,783.96	3,865.24	46,382.96
		STEP F	22.8502	34.2753	1,828.01	3,960.70	47,528.41
		STEP G	23.4145	35.1217	1,873.16	4,058.51	48,702.16
		STEP H	23.9927	35.9890	1,919.41	4,158.73	49,904.81
		STEP I	24.5852	36.8778	1,966.81	4,261.43	51,137.21
		STEP J	25.1923	37.7884	2,015.38	4,366.66	52,399.98
		STEP K	25.8145	38.7217	2,065.16	4,474.51	53,694.16
		STEP L	26.4520	39.6780	2,116.16	4,585.01	55,020.16
		STEP M	27.1052	40.6578	2,168.41	4,698.23	56,378.81
		STEP N	27.7746	41.6619	2,221.96	4,814.26	57,771.16
		STEP O	28.4605	42.6907	2,276.84	4,933.15	59,197.84

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B474	LABORATORY TECHNICIAN II	STEP A	22.2315	33.3472	1,778.52	3,853.46	46,241.52
		STEP B	22.7804	34.1706	1,822.43	3,948.60	47,383.23
		STEP C	23.3430	35.0145	1,867.44	4,046.12	48,553.44
		STEP D	23.9195	35.8792	1,913.56	4,146.04	49,752.56
		STEP E	24.5102	36.7653	1,960.81	4,248.43	50,981.21
		STEP F	25.1155	37.6732	2,009.24	4,353.35	52,240.24
		STEP G	25.7357	38.6035	2,058.85	4,460.85	53,530.25
		STEP H	26.3713	39.5569	2,109.70	4,571.02	54,852.30
		STEP I	27.0225	40.5337	2,161.80	4,683.90	56,206.80
		STEP J	27.6898	41.5347	2,215.18	4,799.56	57,594.78
		STEP K	28.3737	42.5605	2,269.89	4,918.10	59,017.29
		STEP L	29.0744	43.6116	2,325.95	5,039.56	60,474.75
		STEP M	29.7924	44.6886	2,383.39	5,164.01	61,968.19
		STEP N	30.5281	45.7921	2,442.24	5,291.53	63,498.44
		STEP O	31.2820	46.9230	2,502.56	5,422.21	65,066.56
B475	LIBRARIAN I	STEP A	22.9630	34.4445	1,837.04	3,980.25	47,763.04
		STEP B	23.5299	35.2948	1,882.39	4,078.51	48,942.19
		STEP C	24.1110	36.1665	1,928.88	4,179.24	50,150.88
		STEP D	24.7065	37.0597	1,976.52	4,282.46	51,389.52
		STEP E	25.3166	37.9749	2,025.32	4,388.21	52,658.52
		STEP F	25.9418	38.9127	2,075.34	4,496.57	53,958.94
		STEP G	26.5824	39.8736	2,126.59	4,607.61	55,291.39
		STEP H	27.2389	40.8583	2,179.11	4,721.40	56,656.91
		STEP I	27.9116	41.8674	2,232.92	4,838.01	58,056.12
		STEP J	28.6009	42.9013	2,288.07	4,957.48	59,489.87
		STEP K	29.3072	43.9608	2,344.57	5,079.91	60,958.97
		STEP L	30.0309	45.0463	2,402.47	5,205.35	62,464.27
		STEP M	30.7726	46.1589	2,461.80	5,333.91	64,007.00
		STEP N	31.5325	47.2987	2,522.60	5,465.63	65,587.60
		STEP O	32.3112	48.4668	2,584.89	5,600.60	67,207.29
B476	LIBRARIAN II	STEP A	25.2592	37.8888	2,020.73	4,378.26	52,539.13
		STEP B	25.8828	38.8242	2,070.62	4,486.35	53,836.22
		STEP C	26.5220	39.7830	2,121.76	4,597.14	55,165.76
		STEP D	27.1770	40.7655	2,174.16	4,710.68	56,528.16
		STEP E	27.8482	41.7723	2,227.85	4,827.02	57,924.25
		STEP F	28.5359	42.8038	2,282.87	4,946.22	59,354.67
		STEP G	29.2406	43.8609	2,339.24	5,068.37	60,820.44
		STEP H	29.9627	44.9440	2,397.01	5,193.53	62,322.41
		STEP I	30.7026	46.0539	2,456.20	5,321.78	63,861.40
		STEP J	31.4608	47.1912	2,516.86	5,453.20	65,438.46
		STEP K	32.2378	48.3567	2,579.02	5,587.88	67,054.62
		STEP L	33.0339	49.5508	2,642.71	5,725.87	68,710.51
		STEP M	33.8497	50.7745	2,707.97	5,867.28	70,407.37
		STEP N	34.6856	52.0284	2,774.84	6,012.17	72,146.04
		STEP O	35.5422	53.3133	2,843.37	6,160.64	73,927.77

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B477	LIBRARY ASSISTANT I	STEP A	16.3923	24.5884	1,311.38	2,841.33	34,095.98
		STEP B	16.7971	25.1956	1,343.76	2,911.49	34,937.96
		STEP C	17.2119	25.8178	1,376.95	2,983.39	35,800.75
		STEP D	17.6369	26.4553	1,410.95	3,057.06	36,684.75
		STEP E	18.0725	27.1087	1,445.80	3,132.56	37,590.80
		STEP F	18.5188	27.7782	1,481.50	3,209.92	38,519.10
		STEP G	18.9762	28.4643	1,518.09	3,289.20	39,470.49
		STEP H	19.4448	29.1672	1,555.58	3,370.43	40,445.18
		STEP I	19.9250	29.8875	1,594.00	3,453.66	41,444.00
		STEP J	20.4170	30.6255	1,633.36	3,538.94	42,467.36
		STEP K	20.9212	31.3818	1,673.69	3,626.34	43,516.09
		STEP L	21.4378	32.1567	1,715.02	3,715.88	44,590.62
		STEP M	21.9673	32.9509	1,757.38	3,807.66	45,691.98
		STEP N	22.5098	33.7647	1,800.78	3,901.69	46,820.38
		STEP O	23.0657	34.5985	1,845.25	3,998.05	47,976.65
B478	LIBRARY ASSISTANT II	STEP A	18.0316	27.0474	1,442.52	3,125.47	37,505.72
		STEP B	18.4768	27.7152	1,478.14	3,202.64	38,431.74
		STEP C	18.9331	28.3996	1,514.64	3,281.73	39,380.84
		STEP D	19.4007	29.1010	1,552.05	3,362.78	40,353.45
		STEP E	19.8798	29.8197	1,590.38	3,445.83	41,349.98
		STEP F	20.3707	30.5560	1,629.65	3,530.92	42,371.05
		STEP G	20.8738	31.3107	1,669.90	3,618.12	43,417.50
		STEP H	21.3893	32.0839	1,711.14	3,707.47	44,489.74
		STEP I	21.9175	32.8762	1,753.40	3,799.03	45,588.40
		STEP J	22.4588	33.6882	1,796.70	3,892.85	46,714.30
		STEP K	23.0133	34.5199	1,841.06	3,988.97	47,867.66
		STEP L	23.5817	35.3725	1,886.53	4,087.49	49,049.93
		STEP M	24.1641	36.2461	1,933.12	4,188.44	50,261.32
		STEP N	24.7608	37.1412	1,980.86	4,291.87	51,502.46
		STEP O	25.3723	38.0584	2,029.78	4,397.86	52,774.38
B479	LIBRARY TECHNICIAN	STEP A	20.5927	30.8890	1,647.41	3,569.40	42,832.81
		STEP B	21.1011	31.6516	1,688.08	3,657.52	43,890.28
		STEP C	21.6223	32.4334	1,729.78	3,747.86	44,974.38
		STEP D	22.1562	33.2343	1,772.49	3,840.40	46,084.89
		STEP E	22.7035	34.0552	1,816.28	3,935.27	47,223.28
		STEP F	23.2641	34.8961	1,861.12	4,032.44	48,389.32
		STEP G	23.8386	35.7579	1,907.08	4,132.02	49,584.28
		STEP H	24.4274	36.6411	1,954.19	4,234.08	50,808.99
		STEP I	25.0306	37.5459	2,002.44	4,338.63	52,063.64
		STEP J	25.6487	38.4730	2,051.89	4,445.77	53,349.29
		STEP K	26.2821	39.4231	2,102.56	4,555.56	54,666.76
		STEP L	26.9312	40.3968	2,154.49	4,668.07	56,016.89
		STEP M	27.5962	41.3943	2,207.69	4,783.34	57,400.09
		STEP N	28.2778	42.4167	2,262.22	4,901.48	58,817.82
		STEP O	28.9761	43.4641	2,318.08	5,022.52	60,270.28

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B481	MARKETING & COMMUNIC ANLYST I	STEP A	25.9239	38.8858	2,073.91	4,493.47	53,921.71
		STEP B	26.5640	39.8460	2,125.12	4,604.42	55,253.12
		STEP C	27.2200	40.8300	2,177.60	4,718.13	56,617.60
		STEP D	27.8923	41.8384	2,231.38	4,834.66	58,015.98
		STEP E	28.5811	42.8716	2,286.48	4,954.05	59,448.68
		STEP F	29.2869	43.9303	2,342.95	5,076.39	60,916.75
		STEP G	30.0101	45.0151	2,400.80	5,201.75	62,421.00
		STEP H	30.7512	46.1268	2,460.09	5,330.20	63,962.49
		STEP I	31.5107	47.2660	2,520.85	5,461.85	65,542.25
		STEP J	32.2888	48.4332	2,583.10	5,596.72	67,160.70
		STEP K	33.0862	49.6293	2,646.89	5,734.94	68,819.29
		STEP L	33.9033	50.8549	2,712.26	5,876.57	70,518.86
		STEP M	34.7405	52.1107	2,779.24	6,021.68	72,260.24
		STEP N	35.5985	53.3977	2,847.88	6,170.40	74,044.88
		STEP O	36.4776	54.7164	2,918.20	6,322.78	75,873.40
B480	MARKETING & COMMUNIC ANLYST II	STEP A	28.5163	42.7744	2,281.30	4,942.82	59,313.90
		STEP B	29.2204	43.8306	2,337.63	5,064.86	60,778.43
		STEP C	29.9420	44.9130	2,395.36	5,189.94	62,279.36
		STEP D	30.6814	46.0221	2,454.51	5,318.10	63,817.31
		STEP E	31.4391	47.1586	2,515.12	5,449.44	65,393.32
		STEP F	32.2155	48.3232	2,577.24	5,584.02	67,008.24
		STEP G	33.0111	49.5166	2,640.88	5,721.92	68,663.08
		STEP H	33.8263	50.7394	2,706.10	5,863.22	70,358.70
		STEP I	34.6617	51.9925	2,772.93	6,008.02	72,096.33
		STEP J	35.5177	53.2765	2,841.41	6,156.40	73,876.81
		STEP K	36.3948	54.5922	2,911.58	6,308.43	75,701.18
		STEP L	37.2936	55.9404	2,983.48	6,464.22	77,570.68
		STEP M	38.2145	57.3217	3,057.16	6,623.84	79,486.16
		STEP N	39.1583	58.7374	3,132.66	6,787.43	81,449.26
		STEP O	40.1253	60.1879	3,210.02	6,955.05	83,460.62
B482	MECHANIC I	STEP A	21.9682	32.9523	1,757.45	3,807.82	45,693.85
		STEP B	22.5107	33.7660	1,800.85	3,901.85	46,822.25
		STEP C	23.0666	34.5999	1,845.32	3,998.21	47,978.52
		STEP D	23.6363	35.4544	1,890.90	4,096.95	49,163.50
		STEP E	24.2200	36.3300	1,937.60	4,198.13	50,377.60
		STEP F	24.8181	37.2271	1,985.44	4,301.80	51,621.64
		STEP G	25.4309	38.1463	2,034.47	4,408.02	52,896.27
		STEP H	26.0591	39.0886	2,084.72	4,516.91	54,202.92
		STEP I	26.7026	40.0539	2,136.20	4,628.45	55,541.40
		STEP J	27.3620	41.0430	2,188.96	4,742.74	56,912.96
		STEP K	28.0377	42.0565	2,243.01	4,859.86	58,318.41
		STEP L	28.7301	43.0951	2,298.40	4,979.88	59,758.60
		STEP M	29.4396	44.1594	2,355.16	5,102.86	61,234.36
		STEP N	30.1666	45.2499	2,413.32	5,228.87	62,746.52
		STEP O	30.9116	46.3674	2,472.92	5,358.01	64,296.12

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B483	MECHANIC II	STEP A	24.1651	36.2476	1,933.20	4,188.61	50,263.40
		STEP B	24.7622	37.1433	1,980.97	4,292.11	51,505.37
		STEP C	25.3738	38.0607	2,029.90	4,398.12	52,777.50
		STEP D	26.0004	39.0006	2,080.03	4,506.73	54,080.83
		STEP E	26.6425	39.9637	2,131.40	4,618.03	55,416.40
		STEP F	27.3004	40.9506	2,184.03	4,732.06	56,784.83
		STEP G	27.9746	41.9619	2,237.96	4,848.93	58,187.16
		STEP H	28.6655	42.9982	2,293.24	4,968.68	59,624.24
		STEP I	29.3733	44.0599	2,349.86	5,091.37	61,096.46
		STEP J	30.0988	45.1482	2,407.90	5,217.12	62,605.50
		STEP K	30.8420	46.2630	2,467.36	5,345.94	64,151.36
		STEP L	31.6038	47.4057	2,528.30	5,477.99	65,735.90
		STEP M	32.3842	48.5763	2,590.73	5,613.26	67,359.13
		STEP N	33.1840	49.7760	2,654.72	5,751.89	69,022.72
		STEP O	34.0034	51.0051	2,720.27	5,893.92	70,727.07
B484	METER READER	STEP A	18.0139	27.0208	1,441.11	3,122.40	37,468.91
		STEP B	18.4587	27.6880	1,476.69	3,199.50	38,394.09
		STEP C	18.9147	28.3720	1,513.17	3,278.54	39,342.57
		STEP D	19.3817	29.0725	1,550.53	3,359.49	40,313.93
		STEP E	19.8604	29.7906	1,588.83	3,442.46	41,309.63
		STEP F	20.3508	30.5262	1,628.06	3,527.47	42,329.66
		STEP G	20.8534	31.2801	1,668.27	3,614.58	43,375.07
		STEP H	21.3684	32.0526	1,709.47	3,703.85	44,446.27
		STEP I	21.8961	32.8441	1,751.68	3,795.32	45,543.88
		STEP J	22.4368	33.6552	1,794.94	3,889.04	46,668.54
		STEP K	22.9909	34.4863	1,839.27	3,985.08	47,821.07
		STEP L	23.5586	35.3379	1,884.68	4,083.49	49,001.88
		STEP M	24.1404	36.2106	1,931.23	4,184.33	50,212.03
		STEP N	24.7366	37.1049	1,978.92	4,287.67	51,452.12
		STEP O	25.3475	38.0212	2,027.80	4,393.56	52,722.80
B485	METER SERVICE WORKER	STEP A	18.9118	28.3677	1,512.94	3,278.04	39,336.54
		STEP B	19.3788	29.0682	1,550.30	3,358.99	40,307.90
		STEP C	19.8574	29.7861	1,588.59	3,441.94	41,303.39
		STEP D	20.3478	30.5217	1,627.82	3,526.95	42,323.42
		STEP E	20.8502	31.2753	1,668.01	3,614.03	43,368.41
		STEP F	21.3651	32.0476	1,709.20	3,703.28	44,439.40
		STEP G	21.8928	32.8392	1,751.42	3,794.75	45,537.02
		STEP H	22.4335	33.6502	1,794.68	3,888.47	46,661.68
		STEP I	22.9874	34.4811	1,838.99	3,984.48	47,813.79
		STEP J	23.5552	35.3328	1,884.41	4,082.90	48,994.81
		STEP K	24.1369	36.2053	1,930.95	4,183.72	50,204.75
		STEP L	24.7329	37.0993	1,978.63	4,287.03	51,444.43
		STEP M	25.3436	38.0154	2,027.48	4,392.89	52,714.68
		STEP N	25.9695	38.9542	2,077.56	4,501.38	54,016.56
		STEP O	26.6109	39.9163	2,128.87	4,612.55	55,350.67

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B979	NATURAL RESOURCE SPECIALIST I	STEP A	23.5867	35.3800	1,886.93	4,088.36	49,060.33
		STEP B	24.1690	36.2535	1,933.52	4,189.29	50,271.52
		STEP C	24.7659	37.1488	1,981.27	4,292.75	51,513.07
		STEP D	25.3775	38.0662	2,030.20	4,398.76	52,785.20
		STEP E	26.0042	39.0063	2,080.33	4,507.39	54,088.73
		STEP F	26.6464	39.9696	2,131.71	4,618.70	55,424.51
		STEP G	27.3044	40.9566	2,184.35	4,732.76	56,793.15
		STEP H	27.9787	41.9680	2,238.29	4,849.64	58,195.69
		STEP I	28.6697	43.0045	2,293.57	4,969.41	59,632.97
		STEP J	29.3777	44.0665	2,350.21	5,092.13	61,105.61
		STEP K	30.1032	45.1548	2,408.25	5,217.88	62,614.65
		STEP L	30.8466	46.2699	2,467.72	5,346.74	64,160.92
		STEP M	31.6084	47.4126	2,528.67	5,478.78	65,745.47
		STEP N	32.3890	48.5835	2,591.12	5,614.09	67,369.12
		STEP O	33.1888	49.7832	2,655.10	5,752.72	69,032.70
B969	NATURAL RESOURCE SPECIALIST II	STEP A	25.9453	38.9179	2,075.62	4,497.18	53,966.22
		STEP B	26.5859	39.8788	2,126.87	4,608.22	55,298.67
		STEP C	27.2425	40.8637	2,179.40	4,722.03	56,664.40
		STEP D	27.9153	41.8729	2,233.22	4,838.65	58,063.82
		STEP E	28.6046	42.9069	2,288.36	4,958.13	59,497.56
		STEP F	29.3110	43.9665	2,344.88	5,080.57	60,966.88
		STEP G	30.0349	45.0523	2,402.79	5,206.04	62,472.59
		STEP H	30.7766	46.1649	2,462.12	5,334.61	64,015.32
		STEP I	31.5367	47.3050	2,522.93	5,466.36	65,596.33
		STEP J	32.3155	48.4732	2,585.24	5,601.35	67,216.24
		STEP K	33.1135	49.6702	2,649.08	5,739.67	68,876.08
		STEP L	33.9313	50.8969	2,714.50	5,881.42	70,577.10
		STEP M	34.7692	52.1538	2,781.53	6,026.66	72,319.93
		STEP N	35.6278	53.4417	2,850.22	6,175.48	74,105.82
		STEP O	36.5077	54.7615	2,920.61	6,328.00	75,936.01
B487	NATURAL RESOURCES WKR I	STEP A	18.6048	27.9072	1,488.38	3,224.83	38,697.98
		STEP B	19.0642	28.5963	1,525.13	3,304.46	39,653.53
		STEP C	19.5350	29.3025	1,562.80	3,386.06	40,632.80
		STEP D	20.0175	30.0262	1,601.40	3,469.70	41,636.40
		STEP E	20.5118	30.7677	1,640.94	3,555.37	42,664.54
		STEP F	21.0183	31.5274	1,681.46	3,643.17	43,718.06
		STEP G	21.5374	32.3061	1,722.99	3,733.14	44,797.79
		STEP H	22.0692	33.1038	1,765.53	3,825.32	45,903.93
		STEP I	22.6143	33.9214	1,809.14	3,919.81	47,037.74
		STEP J	23.1728	34.7592	1,853.82	4,016.61	48,199.42
		STEP K	23.7450	35.6175	1,899.60	4,115.80	49,389.60
		STEP L	24.3314	36.4971	1,946.51	4,217.44	50,609.31
		STEP M	24.9323	37.3984	1,994.58	4,321.59	51,859.18
		STEP N	25.5480	38.3220	2,043.84	4,428.32	53,139.84
		STEP O	26.1789	39.2683	2,094.31	4,537.67	54,452.11

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B488	NATURAL RESOURCES WKR II	STEP A	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP B	20.9708	31.4562	1,677.66	3,634.93	43,619.26
		STEP C	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP D	22.0194	33.0291	1,761.55	3,816.69	45,800.35
		STEP E	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP F	23.1203	34.6804	1,849.62	4,007.51	48,090.22
		STEP G	23.6913	35.5369	1,895.30	4,106.49	49,277.90
		STEP H	24.2764	36.4146	1,942.11	4,207.90	50,494.91
		STEP I	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP J	25.4902	38.2353	2,039.21	4,418.30	53,019.61
		STEP K	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP L	26.7648	40.1472	2,141.18	4,639.23	55,670.78
		STEP M	27.4258	41.1387	2,194.06	4,753.80	57,045.66
		STEP N	28.1030	42.1545	2,248.24	4,871.18	58,454.24
		STEP O	28.7970	43.1955	2,303.76	4,991.48	59,897.76
B489	OFFICE ASSISTANT I	STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.1117	24.1675	1,288.93	2,792.69	33,512.33
		STEP C	16.5096	24.7644	1,320.76	2,861.66	34,339.96
		STEP D	16.9173	25.3759	1,353.38	2,932.33	35,187.98
		STEP E	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP F	17.7632	26.6448	1,421.05	3,078.95	36,947.45
		STEP G	18.2018	27.3027	1,456.14	3,154.97	37,859.74
		STEP H	18.6513	27.9769	1,492.10	3,232.89	38,794.70
		STEP I	19.1119	28.6678	1,528.95	3,312.72	39,752.75
		STEP J	19.5839	29.3758	1,566.71	3,394.54	40,734.51
		STEP K	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP L	20.5631	30.8446	1,645.04	3,564.27	42,771.24
		STEP M	21.0710	31.6065	1,685.68	3,652.30	43,827.68
		STEP N	21.5913	32.3869	1,727.30	3,742.49	44,909.90
		STEP O	22.1245	33.1867	1,769.96	3,834.91	46,018.96
B490	OFFICE ASSISTANT II	STEP A	17.2957	25.9435	1,383.65	2,997.92	35,975.05
		STEP B	17.7228	26.5842	1,417.82	3,071.95	36,863.42
		STEP C	18.1605	27.2407	1,452.84	3,147.82	37,773.84
		STEP D	18.6090	27.9135	1,488.72	3,225.56	38,706.72
		STEP E	19.0685	28.6027	1,525.48	3,305.20	39,662.48
		STEP F	19.5394	29.3091	1,563.15	3,386.82	40,641.95
		STEP G	20.0220	30.0330	1,601.76	3,470.48	41,645.76
		STEP H	20.5164	30.7746	1,641.31	3,556.17	42,674.11
		STEP I	21.0231	31.5346	1,681.84	3,644.00	43,728.04
		STEP J	21.5423	32.3134	1,723.38	3,734.00	44,807.98
		STEP K	22.0742	33.1113	1,765.93	3,826.19	45,914.33
		STEP L	22.6194	33.9291	1,809.55	3,920.69	47,048.35
		STEP M	23.1780	34.7670	1,854.24	4,017.52	48,210.24
		STEP N	23.7504	35.6256	1,900.03	4,116.73	49,400.83
		STEP O	24.3369	36.5053	1,946.95	4,218.39	50,620.75

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B491	PARKS MAINTENANCE WORKER I	STEP A	17.7189	26.5783	1,417.51	3,071.27	36,855.31
		STEP B	18.1565	27.2347	1,452.52	3,147.12	37,765.52
		STEP C	18.6048	27.9072	1,488.38	3,224.83	38,697.98
		STEP D	19.0643	28.5964	1,525.14	3,304.47	39,653.74
		STEP E	19.5351	29.3026	1,562.80	3,386.08	40,633.00
		STEP F	20.0175	30.0262	1,601.40	3,469.70	41,636.40
		STEP G	20.5119	30.7678	1,640.95	3,555.39	42,664.75
		STEP H	21.0184	31.5276	1,681.47	3,643.18	43,718.27
		STEP I	21.5375	32.3062	1,723.00	3,733.16	44,798.00
		STEP J	22.0693	33.1039	1,765.54	3,825.34	45,904.14
		STEP K	22.6143	33.9214	1,809.14	3,919.81	47,037.74
		STEP L	23.1729	34.7593	1,853.83	4,016.63	48,199.63
		STEP M	23.7451	35.6176	1,899.60	4,115.81	49,389.80
		STEP N	24.3315	36.4972	1,946.52	4,217.46	50,609.52
		STEP O	24.9324	37.3986	1,994.59	4,321.61	51,859.39
B492	PARKS MAINTENANCE WORKER II	STEP A	19.4909	29.2363	1,559.27	3,378.42	40,541.07
		STEP B	19.9722	29.9583	1,597.77	3,461.84	41,542.17
		STEP C	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP D	20.9709	31.4563	1,677.67	3,634.95	43,619.47
		STEP E	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP F	22.0195	33.0292	1,761.56	3,816.71	45,800.56
		STEP G	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP H	23.1203	34.6804	1,849.62	4,007.51	48,090.22
		STEP I	23.6913	35.5369	1,895.30	4,106.49	49,277.90
		STEP J	24.2764	36.4146	1,942.11	4,207.90	50,494.91
		STEP K	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP L	25.4903	38.2354	2,039.22	4,418.31	53,019.82
		STEP M	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP N	26.7648	40.1472	2,141.18	4,639.23	55,670.78
		STEP O	27.4258	41.1387	2,194.06	4,753.80	57,045.66
B948	PARKS PROJECT TECHNICIAN	STEP A	24.7123	37.0684	1,976.98	4,283.46	51,401.58
		STEP B	25.3225	37.9837	2,025.80	4,389.23	52,670.80
		STEP C	25.9478	38.9217	2,075.82	4,497.61	53,971.42
		STEP D	26.5886	39.8829	2,127.08	4,608.69	55,304.28
		STEP E	27.2452	40.8678	2,179.61	4,722.50	56,670.01
		STEP F	27.9181	41.8771	2,233.44	4,839.13	58,069.64
		STEP G	28.6075	42.9112	2,288.60	4,958.63	59,503.60
		STEP H	29.3140	43.9710	2,345.12	5,081.09	60,973.12
		STEP I	30.0379	45.0568	2,403.03	5,206.56	62,478.83
		STEP J	30.7797	46.1695	2,462.37	5,335.14	64,021.77
		STEP K	31.5398	47.3097	2,523.18	5,466.89	65,602.78
		STEP L	32.3187	48.4780	2,585.49	5,601.90	67,222.89
		STEP M	33.1168	49.6752	2,649.34	5,740.24	68,882.94
		STEP N	33.9347	50.9020	2,714.77	5,882.01	70,584.17
		STEP O	34.7727	52.1590	2,781.81	6,027.26	72,327.21

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B493	PARKS, REC & LIBRARIES TECH	STEP A	22.5960	33.8940	1,807.68	3,916.64	46,999.68
		STEP B	23.1540	34.7310	1,852.32	4,013.36	48,160.32
		STEP C	23.7258	35.5887	1,898.06	4,112.47	49,349.66
		STEP D	24.3117	36.4675	1,944.93	4,214.02	50,568.33
		STEP E	24.9121	37.3681	1,992.96	4,318.09	51,817.16
		STEP F	25.5273	38.2909	2,042.18	4,424.73	53,096.78
		STEP G	26.1577	39.2365	2,092.61	4,534.00	54,408.01
		STEP H	26.8037	40.2055	2,144.29	4,645.97	55,751.69
		STEP I	27.4656	41.1984	2,197.24	4,760.70	57,128.44
		STEP J	28.1438	42.2157	2,251.50	4,878.25	58,539.10
		STEP K	28.8389	43.2583	2,307.11	4,998.74	59,984.91
		STEP L	29.5511	44.3266	2,364.08	5,122.19	61,466.28
		STEP M	30.2808	45.4212	2,422.46	5,248.67	62,984.06
		STEP N	31.0287	46.5430	2,482.29	5,378.30	64,539.69
		STEP O	31.7949	47.6923	2,543.59	5,511.11	66,133.39
B978	PARKS,REC&LIB COORDINATOR I	STEP A	20.3037	30.4555	1,624.29	3,519.30	42,231.69
		STEP B	20.8051	31.2076	1,664.40	3,606.21	43,274.60
		STEP C	21.3188	31.9782	1,705.50	3,695.25	44,343.10
		STEP D	21.8453	32.7679	1,747.62	3,786.51	45,438.22
		STEP E	22.3848	33.5772	1,790.78	3,880.03	46,560.38
		STEP F	22.9376	34.4064	1,835.00	3,975.85	47,710.20
		STEP G	23.5041	35.2561	1,880.32	4,074.04	48,888.52
		STEP H	24.0845	36.1267	1,926.76	4,174.64	50,095.76
		STEP I	24.6793	37.0189	1,974.34	4,277.74	51,332.94
		STEP J	25.2887	37.9330	2,023.09	4,383.37	52,600.49
		STEP K	25.9133	38.8699	2,073.06	4,491.63	53,899.66
		STEP L	26.5532	39.8298	2,124.25	4,602.55	55,230.65
		STEP M	27.2089	40.8133	2,176.71	4,716.20	56,594.51
		STEP N	27.8809	41.8213	2,230.47	4,832.68	57,992.27
		STEP O	28.5694	42.8541	2,285.55	4,952.02	59,424.35
B967	PARKS,REC&LIB COORDINATOR II	STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	22.8855	34.3282	1,830.84	3,966.82	47,601.84
		STEP C	23.4507	35.1760	1,876.05	4,064.78	48,777.45
		STEP D	24.0298	36.0447	1,922.38	4,165.16	49,981.98
		STEP E	24.6233	36.9349	1,969.86	4,268.03	51,216.46
		STEP F	25.2313	37.8469	2,018.50	4,373.42	52,481.10
		STEP G	25.8544	38.7816	2,068.35	4,481.42	53,777.15
		STEP H	26.4929	39.7393	2,119.43	4,592.10	55,105.23
		STEP I	27.1472	40.7208	2,171.77	4,705.51	56,466.17
		STEP J	27.8176	41.7264	2,225.40	4,821.71	57,860.60
		STEP K	28.5045	42.7567	2,280.36	4,940.78	59,289.36
		STEP L	29.2085	43.8127	2,336.68	5,062.80	60,753.68
		STEP M	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP N	30.6689	46.0033	2,453.51	5,315.94	63,791.31
		STEP O	31.4263	47.1394	2,514.10	5,447.22	65,366.70

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B972	PASSPORT/LIVESCAN AGENT	STEP A	15.7235	23.5852	1,257.88	2,725.40	32,704.88
		STEP B	16.1117	24.1675	1,288.93	2,792.69	33,512.33
		STEP C	16.5096	24.7644	1,320.76	2,861.66	34,339.96
		STEP D	16.9173	25.3759	1,353.38	2,932.33	35,187.98
		STEP E	17.3351	26.0026	1,386.80	3,004.75	36,057.00
		STEP F	17.7632	26.6448	1,421.05	3,078.95	36,947.45
		STEP G	18.2018	27.3027	1,456.14	3,154.97	37,859.74
		STEP H	18.6513	27.9769	1,492.10	3,232.89	38,794.70
		STEP I	19.1119	28.6678	1,528.95	3,312.72	39,752.75
		STEP J	19.5839	29.3758	1,566.71	3,394.54	40,734.51
		STEP K	20.0676	30.1014	1,605.40	3,478.38	41,740.60
		STEP L	20.5631	30.8446	1,645.04	3,564.27	42,771.24
		STEP M	21.0710	31.6065	1,685.68	3,652.30	43,827.68
		STEP N	21.5913	32.3869	1,727.30	3,742.49	44,909.90
		STEP O	22.1245	33.1867	1,769.96	3,834.91	46,018.96
B546	PERMIT ANALYST	STEP A	30.9713	46.4569	2,477.70	5,368.35	64,420.30
		STEP B	31.7358	47.6037	2,538.86	5,500.87	66,010.46
		STEP C	32.5195	48.7792	2,601.56	5,636.71	67,640.56
		STEP D	33.3226	49.9839	2,665.80	5,775.91	69,311.00
		STEP E	34.1455	51.2182	2,731.64	5,918.55	71,022.64
		STEP F	34.9888	52.4832	2,799.10	6,064.72	72,776.70
		STEP G	35.8528	53.7792	2,868.22	6,214.48	74,573.82
		STEP H	36.7382	55.1073	2,939.05	6,367.95	76,415.45
		STEP I	37.6454	56.4681	3,011.63	6,525.20	78,302.43
		STEP J	38.5751	57.8626	3,086.00	6,686.35	80,236.20
		STEP K	39.5278	59.2917	3,162.22	6,851.48	82,217.82
		STEP L	40.5039	60.7558	3,240.31	7,020.67	84,248.11
		STEP M	41.5042	62.2563	3,320.33	7,194.06	86,328.73
		STEP N	42.5291	63.7936	3,402.32	7,371.71	88,460.52
		STEP O	43.5794	65.3691	3,486.35	7,553.76	90,645.15
B494	PERMITS TECHNICIAN I	STEP A	20.0480	30.0720	1,603.84	3,474.98	41,699.84
		STEP B	20.5431	30.8146	1,643.44	3,560.80	42,729.64
		STEP C	21.0504	31.5756	1,684.03	3,648.73	43,784.83
		STEP D	21.5702	32.3553	1,725.61	3,738.83	44,866.01
		STEP E	22.1029	33.1543	1,768.23	3,831.16	45,974.03
		STEP F	22.6488	33.9732	1,811.90	3,925.79	47,109.50
		STEP G	23.2081	34.8121	1,856.64	4,022.73	48,272.84
		STEP H	23.7812	35.6718	1,902.49	4,122.07	49,464.89
		STEP I	24.3685	36.5527	1,949.48	4,223.87	50,686.48
		STEP J	24.9703	37.4554	1,997.62	4,328.18	51,938.22
		STEP K	25.5869	38.3803	2,046.95	4,435.06	53,220.75
		STEP L	26.2188	39.3282	2,097.50	4,544.59	54,535.10
		STEP M	26.8663	40.2994	2,149.30	4,656.82	55,881.90
		STEP N	27.5298	41.2947	2,202.38	4,771.83	57,261.98
		STEP O	28.2096	42.3144	2,256.76	4,889.66	58,675.96

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B495	PERMITS TECHNICIAN II	STEP A	22.0528	33.0792	1,764.22	3,822.48	45,869.82
		STEP B	22.5974	33.8961	1,807.79	3,916.88	47,002.59
		STEP C	23.1554	34.7331	1,852.43	4,013.60	48,163.23
		STEP D	23.7272	35.5908	1,898.17	4,112.71	49,352.57
		STEP E	24.3132	36.4698	1,945.05	4,214.28	50,571.45
		STEP F	24.9137	37.3705	1,993.09	4,318.37	51,820.49
		STEP G	25.5290	38.2935	2,042.32	4,425.02	53,100.32
		STEP H	26.1593	39.2389	2,092.74	4,534.27	54,411.34
		STEP I	26.8054	40.2081	2,144.43	4,646.26	55,755.23
		STEP J	27.4674	41.2011	2,197.39	4,761.01	57,132.19
		STEP K	28.1457	42.2185	2,251.65	4,878.58	58,543.05
		STEP L	28.8407	43.2610	2,307.25	4,999.05	59,988.65
		STEP M	29.5530	44.3295	2,364.24	5,122.52	61,470.24
		STEP N	30.2920	45.4380	2,423.36	5,250.61	63,007.36
		STEP O	31.0306	46.5459	2,482.44	5,378.63	64,543.64
B499	PROJECT COORDINATOR	STEP A	28.9983	43.4974	2,319.86	5,026.37	60,316.46
		STEP B	29.7143	44.5714	2,377.14	5,150.47	61,805.74
		STEP C	30.4481	45.6721	2,435.84	5,277.67	63,332.04
		STEP D	31.2000	46.8000	2,496.00	5,408.00	64,896.00
		STEP E	31.9705	47.9557	2,557.64	5,541.55	66,498.64
		STEP F	32.7600	49.1400	2,620.80	5,678.40	68,140.80
		STEP G	33.5691	50.3536	2,685.52	5,818.64	69,823.72
		STEP H	34.3981	51.5971	2,751.84	5,962.33	71,548.04
		STEP I	35.2475	52.8712	2,819.80	6,109.56	73,314.80
		STEP J	36.1180	54.1770	2,889.44	6,260.45	75,125.44
		STEP K	37.0099	55.5148	2,960.79	6,415.04	76,980.59
		STEP L	37.9239	56.8858	3,033.91	6,573.47	78,881.71
		STEP M	38.8605	58.2907	3,108.84	6,735.82	80,829.84
		STEP N	39.8201	59.7301	3,185.60	6,902.15	82,825.80
		STEP O	40.8035	61.2052	3,264.28	7,072.60	84,871.28
B552	RECREATION LEADER	STEP A	17.2957	25.9435	1,383.65	2,997.92	35,975.05
		STEP B	17.7228	26.5842	1,417.82	3,071.95	36,863.42
		STEP C	18.1605	27.2407	1,452.84	3,147.82	37,773.84
		STEP D	18.6090	27.9135	1,488.72	3,225.56	38,706.72
		STEP E	19.0685	28.6027	1,525.48	3,305.20	39,662.48
		STEP F	19.5394	29.3091	1,563.15	3,386.82	40,641.95
		STEP G	20.0220	30.0330	1,601.76	3,470.48	41,645.76
		STEP H	20.5164	30.7746	1,641.31	3,556.17	42,674.11
		STEP I	21.0231	31.5346	1,681.84	3,644.00	43,728.04
		STEP J	21.5423	32.3134	1,723.38	3,734.00	44,807.98
		STEP K	22.0742	33.1113	1,765.93	3,826.19	45,914.33
		STEP L	22.6194	33.9291	1,809.55	3,920.69	47,048.35
		STEP M	23.1780	34.7670	1,854.24	4,017.52	48,210.24
		STEP N	23.7504	35.6256	1,900.03	4,116.73	49,400.83
		STEP O	24.3369	36.5053	1,946.95	4,218.39	50,620.75

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B548	RECYCLING & ORGANICS COORDNTR	STEP A	26.5706	39.8559	2,125.64	4,605.57	55,266.84
		STEP B	27.2239	40.8358	2,177.91	4,718.80	56,625.71
		STEP C	27.8962	41.8443	2,231.69	4,835.34	58,024.09
		STEP D	28.5851	42.8776	2,286.80	4,954.75	59,457.00
		STEP E	29.2910	43.9365	2,343.28	5,077.10	60,925.28
		STEP F	30.0143	45.0214	2,401.14	5,202.47	62,429.74
		STEP G	30.7556	46.1334	2,460.44	5,330.97	63,971.64
		STEP H	31.5150	47.2725	2,521.20	5,462.60	65,551.20
		STEP I	32.2934	48.4401	2,583.47	5,597.52	67,170.27
		STEP J	33.0908	49.6362	2,647.26	5,735.73	68,828.86
		STEP K	33.9081	50.8621	2,712.64	5,877.40	70,528.84
		STEP L	34.7454	52.1181	2,779.63	6,022.53	72,270.43
		STEP M	35.6035	53.4052	2,848.28	6,171.27	74,055.28
		STEP N	36.4827	54.7240	2,918.61	6,323.66	75,884.01
		STEP O	37.3837	56.0755	2,990.69	6,479.84	77,758.09
B503	REFUSE MAINTENANCE WORKER I	STEP A	15.7699	23.6548	1,261.59	2,733.44	32,801.39
		STEP B	16.1594	24.2391	1,292.75	2,800.96	33,611.55
		STEP C	16.5585	24.8377	1,324.68	2,870.14	34,441.68
		STEP D	16.9674	25.4511	1,357.39	2,941.01	35,292.19
		STEP E	17.3864	26.0796	1,390.91	3,013.64	36,163.71
		STEP F	17.8157	26.7235	1,425.25	3,088.05	37,056.65
		STEP G	18.2558	27.3837	1,460.46	3,164.33	37,972.06
		STEP H	18.7066	28.0599	1,496.52	3,242.47	38,909.72
		STEP I	19.1686	28.7529	1,533.48	3,322.55	39,870.68
		STEP J	19.6419	29.4628	1,571.35	3,404.59	40,855.15
		STEP K	20.1269	30.1903	1,610.15	3,488.66	41,863.95
		STEP L	20.6240	30.9360	1,649.92	3,574.82	42,897.92
		STEP M	21.1333	31.6999	1,690.66	3,663.10	43,957.26
		STEP N	21.6552	32.4828	1,732.41	3,753.56	45,042.81
		STEP O	22.1900	33.2850	1,775.20	3,846.26	46,155.20
B504	REFUSE MAINTENANCE WORKER II	STEP A	16.9467	25.4200	1,355.73	2,937.42	35,249.13
		STEP B	17.3652	26.0478	1,389.21	3,009.96	36,119.61
		STEP C	17.7941	26.6911	1,423.52	3,084.31	37,011.72
		STEP D	18.2335	27.3502	1,458.68	3,160.47	37,925.68
		STEP E	18.6838	28.0257	1,494.70	3,238.52	38,862.30
		STEP F	19.1452	28.7178	1,531.61	3,318.50	39,822.01
		STEP G	19.6180	29.4270	1,569.44	3,400.45	40,805.44
		STEP H	20.1025	30.1537	1,608.20	3,484.43	41,813.20
		STEP I	20.5989	30.8983	1,647.91	3,570.47	42,845.71
		STEP J	21.1076	31.6614	1,688.60	3,658.65	43,903.80
		STEP K	21.6289	32.4433	1,730.31	3,749.00	44,988.11
		STEP L	22.1630	33.2445	1,773.04	3,841.58	46,099.04
		STEP M	22.7103	34.0654	1,816.82	3,936.45	47,237.42
		STEP N	23.2712	34.9068	1,861.69	4,033.67	48,404.09
		STEP O	23.8459	35.7688	1,907.67	4,133.28	49,599.47

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B505	REFUSE TRUCK DRIVER I	STEP A	18.3278	27.4917	1,466.22	3,176.81	38,121.82
		STEP B	18.7803	28.1704	1,502.42	3,255.25	39,063.02
		STEP C	19.2441	28.8661	1,539.52	3,335.64	40,027.72
		STEP D	19.7194	29.5791	1,577.55	3,418.02	41,016.35
		STEP E	20.2063	30.3094	1,616.50	3,502.42	42,029.10
		STEP F	20.7054	31.0581	1,656.43	3,588.93	43,067.23
		STEP G	21.2167	31.8250	1,697.33	3,677.56	44,130.73
		STEP H	21.7406	32.6109	1,739.24	3,768.37	45,220.44
		STEP I	22.2775	33.4162	1,782.20	3,861.43	46,337.20
		STEP J	22.8277	34.2415	1,826.21	3,956.80	47,481.61
		STEP K	23.3915	35.0872	1,871.32	4,054.52	48,654.32
		STEP L	23.9691	35.9536	1,917.52	4,154.64	49,855.72
		STEP M	24.5610	36.8415	1,964.88	4,257.24	51,086.88
		STEP N	25.1676	37.7514	2,013.40	4,362.38	52,348.60
		STEP O	25.7891	38.6836	2,063.12	4,470.11	53,641.32
B506	REFUSE TRUCK DRIVER II	STEP A	20.0834	30.1251	1,606.67	3,481.12	41,773.47
		STEP B	20.5794	30.8691	1,646.35	3,567.09	42,805.15
		STEP C	21.0876	31.6314	1,687.00	3,655.18	43,862.20
		STEP D	21.6084	32.4126	1,728.67	3,745.45	44,945.47
		STEP E	22.1420	33.2130	1,771.36	3,837.94	46,055.36
		STEP F	22.6888	34.0332	1,815.10	3,932.72	47,192.70
		STEP G	23.2491	34.8736	1,859.92	4,029.84	48,358.12
		STEP H	23.8232	35.7348	1,905.85	4,129.35	49,552.25
		STEP I	24.4116	36.6174	1,952.92	4,231.34	50,776.12
		STEP J	25.0145	37.5217	2,001.16	4,335.84	52,030.16
		STEP K	25.6322	38.4483	2,050.57	4,442.91	53,314.97
		STEP L	26.2652	39.3978	2,101.21	4,552.63	54,631.61
		STEP M	26.9138	40.3707	2,153.10	4,665.05	55,980.70
		STEP N	27.5785	41.3677	2,206.28	4,780.27	57,363.28
		STEP O	28.2595	42.3892	2,260.76	4,898.31	58,779.76
B507	SOLID WASTE BILLING TECH	STEP A	20.8535	31.2802	1,668.28	3,614.60	43,375.28
		STEP B	21.3682	32.0523	1,709.45	3,703.82	44,445.85
		STEP C	21.8959	32.8438	1,751.67	3,795.28	45,543.47
		STEP D	22.4366	33.6549	1,794.92	3,889.01	46,668.12
		STEP E	22.9907	34.4860	1,839.25	3,985.05	47,820.65
		STEP F	23.5585	35.3377	1,884.68	4,083.47	49,001.68
		STEP G	24.1403	36.2104	1,931.22	4,184.31	50,211.82
		STEP H	24.7364	37.1046	1,978.91	4,287.64	51,451.71
		STEP I	25.3473	38.0209	2,027.78	4,393.53	52,722.38
		STEP J	25.9733	38.9599	2,077.86	4,502.03	54,024.46
		STEP K	26.6147	39.9220	2,129.17	4,613.21	55,358.57
		STEP L	27.2719	40.9078	2,181.75	4,727.12	56,725.55
		STEP M	27.9454	41.9181	2,235.63	4,843.86	58,126.43
		STEP N	28.6356	42.9534	2,290.84	4,963.50	59,562.04
		STEP O	29.3427	44.0140	2,347.41	5,086.06	61,032.81

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B508	SR BUILDING INSPECTOR	STEP A	30.0999	45.1498	2,407.99	5,217.31	62,607.79
		STEP B	30.8431	46.2646	2,467.44	5,346.13	64,153.64
		STEP C	31.6048	47.4072	2,528.38	5,478.16	65,737.98
		STEP D	32.3853	48.5779	2,590.82	5,613.45	67,361.42
		STEP E	33.1850	49.7775	2,654.80	5,752.06	69,024.80
		STEP F	34.0046	51.0069	2,720.36	5,894.13	70,729.56
		STEP G	34.8443	52.2664	2,787.54	6,039.67	72,476.14
		STEP H	35.7048	53.5572	2,856.38	6,188.83	74,265.98
		STEP I	36.5866	54.8799	2,926.92	6,341.67	76,100.12
		STEP J	37.4901	56.2351	2,999.20	6,498.28	77,979.40
		STEP K	38.4159	57.6238	3,073.27	6,658.75	79,905.07
		STEP L	39.3646	59.0469	3,149.16	6,823.19	81,878.36
		STEP M	40.3367	60.5050	3,226.93	6,991.69	83,900.33
		STEP N	41.3329	61.9993	3,306.63	7,164.36	85,972.43
		STEP O	42.3536	63.5304	3,388.28	7,341.29	88,095.48
B509	SR BUILDING MAINTENANCE WKR	STEP A	25.1326	37.6989	2,010.60	4,356.31	52,275.80
		STEP B	25.7532	38.6298	2,060.25	4,463.88	53,566.65
		STEP C	26.3891	39.5836	2,111.12	4,574.11	54,889.32
		STEP D	27.0408	40.5612	2,163.26	4,687.07	56,244.86
		STEP E	27.7086	41.5629	2,216.68	4,802.82	57,633.88
		STEP F	28.3929	42.5893	2,271.43	4,921.43	59,057.23
		STEP G	29.0941	43.6411	2,327.52	5,042.97	60,515.72
		STEP H	29.8125	44.7187	2,385.00	5,167.50	62,010.00
		STEP I	30.5488	45.8232	2,443.90	5,295.12	63,541.50
		STEP J	31.3032	46.9548	2,504.25	5,425.88	65,110.65
		STEP K	32.0762	48.1143	2,566.09	5,559.87	66,718.49
		STEP L	32.8684	49.3026	2,629.47	5,697.18	68,366.27
		STEP M	33.6801	50.5201	2,694.40	5,837.88	70,054.60
		STEP N	34.5118	51.7677	2,760.94	5,982.04	71,784.54
		STEP O	35.3641	53.0461	2,829.12	6,129.77	73,557.32
B510	SR BUILDING PLANS EXAMINER	STEP A	31.1606	46.7409	2,492.84	5,401.17	64,814.04
		STEP B	31.9300	47.8950	2,554.40	5,534.53	66,414.40
		STEP C	32.7185	49.0777	2,617.48	5,671.20	68,054.48
		STEP D	33.5265	50.2897	2,682.12	5,811.26	69,735.12
		STEP E	34.3545	51.5317	2,748.36	5,954.78	71,457.36
		STEP F	35.2029	52.8043	2,816.23	6,101.83	73,222.03
		STEP G	36.0722	54.1083	2,885.77	6,252.51	75,030.17
		STEP H	36.9630	55.4445	2,957.04	6,406.92	76,883.04
		STEP I	37.8758	56.8137	3,030.06	6,565.13	78,781.66
		STEP J	38.8112	58.2168	3,104.89	6,727.27	80,727.29
		STEP K	39.7697	59.6545	3,181.57	6,893.41	82,720.97
		STEP L	40.7518	61.1277	3,260.14	7,063.64	84,763.74
		STEP M	41.7582	62.6373	3,340.65	7,238.08	86,857.05
		STEP N	42.7894	64.1841	3,423.15	7,416.82	89,001.95
		STEP O	43.8461	65.7691	3,507.68	7,599.99	91,199.88

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B547	SR BUYER	STEP A	26.0604	39.0906	2,084.83	4,517.13	54,205.63
		STEP B	26.7039	40.0558	2,136.31	4,628.67	55,544.11
		STEP C	27.3633	41.0449	2,189.06	4,742.97	56,915.66
		STEP D	28.0391	42.0586	2,243.12	4,860.11	58,321.32
		STEP E	28.7316	43.0974	2,298.52	4,980.14	59,761.72
		STEP F	29.4411	44.1616	2,355.28	5,103.12	61,237.48
		STEP G	30.1681	45.2521	2,413.44	5,229.13	62,749.64
		STEP H	30.9131	46.3696	2,473.04	5,358.27	64,299.24
		STEP I	31.6766	47.5149	2,534.12	5,490.61	65,887.32
		STEP J	32.4588	48.6882	2,596.70	5,626.19	67,514.30
		STEP K	33.2604	49.8906	2,660.83	5,765.13	69,181.63
		STEP L	34.0818	51.1227	2,726.54	5,907.51	70,890.14
		STEP M	34.9235	52.3852	2,793.88	6,053.40	72,640.88
		STEP N	35.7859	53.6788	2,862.87	6,202.88	74,434.67
		STEP O	36.6696	55.0044	2,933.56	6,356.06	76,272.76
B511	SR CODE ENFORCEMENT INSPECTOR	STEP A	30.0999	45.1498	2,407.99	5,217.31	62,607.79
		STEP B	30.8431	46.2646	2,467.44	5,346.13	64,153.64
		STEP C	31.6048	47.4072	2,528.38	5,478.16	65,737.98
		STEP D	32.3853	48.5779	2,590.82	5,613.45	67,361.42
		STEP E	33.1850	49.7775	2,654.80	5,752.06	69,024.80
		STEP F	34.0046	51.0069	2,720.36	5,894.13	70,729.56
		STEP G	34.8443	52.2664	2,787.54	6,039.67	72,476.14
		STEP H	35.7048	53.5572	2,856.38	6,188.83	74,265.98
		STEP I	36.5866	54.8799	2,926.92	6,341.67	76,100.12
		STEP J	37.4901	56.2351	2,999.20	6,498.28	77,979.40
		STEP K	38.4159	57.6238	3,073.27	6,658.75	79,905.07
		STEP L	39.3646	59.0469	3,149.16	6,823.19	81,878.36
		STEP M	40.3367	60.5050	3,226.93	6,991.69	83,900.33
		STEP N	41.3329	61.9993	3,306.63	7,164.36	85,972.43
		STEP O	42.3536	63.5304	3,388.28	7,341.29	88,095.48
B512	SR CONSTRUCTION INSPECTOR	STEP A	28.9983	43.4974	2,319.86	5,026.37	60,316.46
		STEP B	29.7143	44.5714	2,377.14	5,150.47	61,805.74
		STEP C	30.4481	45.6721	2,435.84	5,277.67	63,332.04
		STEP D	31.2000	46.8000	2,496.00	5,408.00	64,896.00
		STEP E	31.9705	47.9557	2,557.64	5,541.55	66,498.64
		STEP F	32.7600	49.1400	2,620.80	5,678.40	68,140.80
		STEP G	33.5691	50.3536	2,685.52	5,818.64	69,823.72
		STEP H	34.3981	51.5971	2,751.84	5,962.33	71,548.04
		STEP I	35.2475	52.8712	2,819.80	6,109.56	73,314.80
		STEP J	36.1180	54.1770	2,889.44	6,260.45	75,125.44
		STEP K	37.0099	55.5148	2,960.79	6,415.04	76,980.59
		STEP L	37.9239	56.8858	3,033.91	6,573.47	78,881.71
		STEP M	38.8605	58.2907	3,108.84	6,735.82	80,829.84
		STEP N	39.8201	59.7301	3,185.60	6,902.15	82,825.80
		STEP O	40.8035	61.2052	3,264.28	7,072.60	84,871.28

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B513	SR CUSTODIAN	STEP A	17.0901	25.6351	1,367.20	2,962.28	35,547.40
		STEP B	17.5122	26.2683	1,400.97	3,035.44	36,425.37
		STEP C	17.9447	26.9170	1,435.57	3,110.41	37,324.97
		STEP D	18.3877	27.5815	1,471.01	3,187.20	38,246.41
		STEP E	18.8418	28.2627	1,507.34	3,265.91	39,190.94
		STEP F	19.3072	28.9608	1,544.57	3,346.58	40,158.97
		STEP G	19.7840	29.6760	1,582.72	3,429.22	41,150.72
		STEP H	20.2726	30.4089	1,621.80	3,513.91	42,167.00
		STEP I	20.7732	31.1598	1,661.85	3,600.68	43,208.25
		STEP J	21.2862	31.9293	1,702.89	3,689.60	44,275.29
		STEP K	21.8119	32.7178	1,744.95	3,780.72	45,368.75
		STEP L	22.3505	33.5257	1,788.04	3,874.08	46,489.04
		STEP M	22.9025	34.3537	1,832.20	3,969.76	47,637.20
		STEP N	23.4681	35.2021	1,877.44	4,067.80	48,813.64
		STEP O	24.0476	36.0714	1,923.80	4,168.25	50,019.00
B514	SR ENGINEERING TECHNICIAN	STEP A	25.5916	38.3874	2,047.32	4,435.87	53,230.52
		STEP B	26.2234	39.3351	2,097.87	4,545.38	54,544.67
		STEP C	26.8710	40.3065	2,149.68	4,657.64	55,891.68
		STEP D	27.5346	41.3019	2,202.76	4,772.66	57,271.96
		STEP E	28.2146	42.3219	2,257.16	4,890.53	58,686.36
		STEP F	28.9114	43.3671	2,312.91	5,011.30	60,135.71
		STEP G	29.6254	44.4381	2,370.03	5,135.06	61,620.83
		STEP H	30.3570	45.5355	2,428.56	5,261.88	63,142.56
		STEP I	31.1066	46.6599	2,488.52	5,391.81	64,701.72
		STEP J	31.8748	47.8122	2,549.98	5,524.96	66,299.58
		STEP K	32.6620	48.9930	2,612.96	5,661.41	67,936.96
		STEP L	33.4686	50.2029	2,677.48	5,801.22	69,614.68
		STEP M	34.2951	51.4426	2,743.60	5,944.48	71,333.80
		STEP N	35.1421	52.7131	2,811.36	6,091.29	73,095.56
		STEP O	36.0099	54.0148	2,880.79	6,241.71	74,900.59
B545	SR FINANCE CLERK	STEP A	19.9737	29.9605	1,597.89	3,462.10	41,545.29
		STEP B	20.4669	30.7003	1,637.35	3,547.59	42,571.15
		STEP C	20.9723	31.4584	1,677.78	3,635.19	43,622.38
		STEP D	21.4903	32.2354	1,719.22	3,724.98	44,699.82
		STEP E	22.0210	33.0315	1,761.68	3,816.97	45,803.68
		STEP F	22.5648	33.8472	1,805.18	3,911.23	46,934.78
		STEP G	23.1221	34.6831	1,849.76	4,007.83	48,093.96
		STEP H	23.6931	35.5396	1,895.44	4,106.80	49,281.64
		STEP I	24.2781	36.4171	1,942.24	4,208.20	50,498.44
		STEP J	24.8777	37.3165	1,990.21	4,312.13	51,745.61
		STEP K	25.4921	38.2381	2,039.36	4,418.63	53,023.56
		STEP L	26.1217	39.1825	2,089.73	4,527.76	54,333.13
		STEP M	26.7667	40.1500	2,141.33	4,639.56	55,674.73
		STEP N	27.4277	41.1415	2,194.21	4,754.13	57,049.61
		STEP O	28.1051	42.1576	2,248.40	4,871.55	58,458.60

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B515	SR FINANCE TECHNICIAN	STEP A	22.9387	34.4080	1,835.09	3,976.04	47,712.49
		STEP B	23.5051	35.2576	1,880.40	4,074.21	48,890.60
		STEP C	24.0856	36.1284	1,926.84	4,174.83	50,098.04
		STEP D	24.6803	37.0204	1,974.42	4,277.91	51,335.02
		STEP E	25.2899	37.9348	2,023.19	4,383.58	52,602.99
		STEP F	25.9144	38.8716	2,073.15	4,491.82	53,901.95
		STEP G	26.5544	39.8316	2,124.35	4,602.76	55,233.15
		STEP H	27.2101	40.8151	2,176.80	4,716.41	56,597.00
		STEP I	27.8821	41.8231	2,230.56	4,832.89	57,994.76
		STEP J	28.5707	42.8560	2,285.65	4,952.25	59,427.05
		STEP K	29.2762	43.9143	2,342.09	5,074.54	60,894.49
		STEP L	29.9992	44.9988	2,399.93	5,199.86	62,398.33
		STEP M	30.7400	46.1100	2,459.20	5,328.26	63,939.20
		STEP N	31.4992	47.2488	2,519.93	5,459.86	65,518.33
		STEP O	32.2771	48.4156	2,582.16	5,594.69	67,136.36
B516	SR HOUSING TECHNICIAN	STEP A	24.5598	36.8397	1,964.78	4,257.03	51,084.38
		STEP B	25.1662	37.7493	2,013.29	4,362.14	52,345.69
		STEP C	25.7877	38.6815	2,063.01	4,469.86	53,638.41
		STEP D	26.4245	39.6367	2,113.96	4,580.24	54,962.96
		STEP E	27.0771	40.6156	2,166.16	4,693.36	56,320.36
		STEP F	27.7458	41.6187	2,219.66	4,809.27	57,711.26
		STEP G	28.4310	42.6465	2,274.48	4,928.04	59,136.48
		STEP H	29.1331	43.6996	2,330.64	5,049.73	60,596.84
		STEP I	29.8525	44.7787	2,388.20	5,174.43	62,093.20
		STEP J	30.5897	45.8845	2,447.17	5,302.21	63,626.57
		STEP K	31.3452	47.0178	2,507.61	5,433.16	65,198.01
		STEP L	32.1193	48.1789	2,569.54	5,567.34	66,808.14
		STEP M	32.9125	49.3687	2,633.00	5,704.83	68,458.00
		STEP N	33.7252	50.5878	2,698.01	5,845.70	70,148.41
		STEP O	34.5581	51.8371	2,764.64	5,990.07	71,880.84
B946	SR INTERPRETIVE SRVCS SPECIAL	STEP A	24.4298	36.6447	1,954.38	4,234.49	50,813.98
		STEP B	25.0330	37.5495	2,002.64	4,339.05	52,068.64
		STEP C	25.6513	38.4769	2,052.10	4,446.22	53,354.70
		STEP D	26.2847	39.4270	2,102.77	4,556.01	54,672.17
		STEP E	26.9338	40.4007	2,154.70	4,668.52	56,022.30
		STEP F	27.5990	41.3985	2,207.92	4,783.82	57,405.92
		STEP G	28.2805	42.4207	2,262.44	4,901.95	58,823.44
		STEP H	28.9789	43.4683	2,318.31	5,023.00	60,276.11
		STEP I	29.6945	44.5417	2,375.56	5,147.04	61,764.56
		STEP J	30.4278	45.6417	2,434.22	5,274.15	63,289.82
		STEP K	31.1793	46.7689	2,494.34	5,404.41	64,852.94
		STEP L	31.9493	47.9239	2,555.94	5,537.87	66,454.54
		STEP M	32.7383	49.1074	2,619.06	5,674.63	68,095.66
		STEP N	33.5468	50.3202	2,683.74	5,814.77	69,777.34
		STEP O	34.3752	51.5628	2,750.01	5,958.36	71,500.41

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B517	SR IT TECHNICIAN	STEP A	26.2922	39.4383	2,103.37	4,557.31	54,687.77
		STEP B	26.9414	40.4121	2,155.31	4,669.84	56,038.11
		STEP C	27.6067	41.4100	2,208.53	4,785.16	57,421.93
		STEP D	28.2885	42.4327	2,263.08	4,903.34	58,840.08
		STEP E	28.9871	43.4806	2,318.96	5,024.43	60,293.16
		STEP F	29.7029	44.5543	2,376.23	5,148.50	61,782.03
		STEP G	30.4365	45.6547	2,434.92	5,275.66	63,307.92
		STEP H	31.1881	46.7821	2,495.04	5,405.93	64,871.24
		STEP I	31.9583	47.9374	2,556.66	5,539.43	66,473.26
		STEP J	32.7475	49.1212	2,619.80	5,676.23	68,114.80
		STEP K	33.5562	50.3343	2,684.49	5,816.40	69,796.89
		STEP L	34.3849	51.5773	2,750.79	5,960.04	71,520.59
		STEP M	35.2341	52.8511	2,818.72	6,107.24	73,286.92
		STEP N	36.1042	54.1563	2,888.33	6,258.06	75,096.73
		STEP O	36.9958	55.4937	2,959.66	6,412.60	76,951.26
B518	SR MECHANIC	STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.2381	40.8571	2,179.04	4,721.27	56,655.24
		STEP C	27.9108	41.8662	2,232.86	4,837.87	58,054.46
		STEP D	28.6000	42.9000	2,288.00	4,957.33	59,488.00
		STEP E	29.3063	43.9594	2,344.50	5,079.75	60,957.10
		STEP F	30.0300	45.0450	2,402.40	5,205.20	62,462.40
		STEP G	30.7717	46.1575	2,461.73	5,333.76	64,005.13
		STEP H	31.5316	47.2974	2,522.52	5,465.47	65,585.72
		STEP I	32.3102	48.4653	2,584.81	5,600.43	67,205.21
		STEP J	33.1082	49.6623	2,648.65	5,738.75	68,865.05
		STEP K	33.9257	50.8885	2,714.05	5,880.45	70,565.45
		STEP L	34.7635	52.1452	2,781.08	6,025.67	72,308.08
		STEP M	35.6221	53.4331	2,849.76	6,174.49	74,093.96
		STEP N	36.5017	54.7525	2,920.13	6,326.96	75,923.53
		STEP O	37.4032	56.1048	2,992.25	6,483.22	77,798.65
B519	SR METER SERVICE WORKER	STEP A	20.8067	31.2100	1,664.53	3,606.49	43,277.93
		STEP B	21.3206	31.9809	1,705.64	3,695.57	44,346.84
		STEP C	21.8471	32.7706	1,747.76	3,786.83	45,441.96
		STEP D	22.3866	33.5799	1,790.92	3,880.34	46,564.12
		STEP E	22.9394	34.4091	1,835.15	3,976.16	47,713.95
		STEP F	23.5059	35.2588	1,880.47	4,074.35	48,892.27
		STEP G	24.0864	36.1296	1,926.91	4,174.97	50,099.71
		STEP H	24.6812	37.0218	1,974.49	4,278.07	51,336.89
		STEP I	25.2908	37.9362	2,023.26	4,383.73	52,604.86
		STEP J	25.9153	38.8729	2,073.22	4,491.98	53,903.82
		STEP K	26.5553	39.8329	2,124.42	4,602.91	55,235.02
		STEP L	27.2112	40.8168	2,176.89	4,716.60	56,599.29
		STEP M	27.8831	41.8246	2,230.64	4,833.07	57,996.84
		STEP N	28.5716	42.8574	2,285.72	4,952.41	59,428.92
		STEP O	29.2773	43.9159	2,342.18	5,074.73	60,896.78

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B520	SR NATURAL RESOURCES WORKER	STEP A	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP B	23.1204	34.6806	1,849.63	4,007.53	48,090.43
		STEP C	23.6913	35.5369	1,895.30	4,106.49	49,277.90
		STEP D	24.2764	36.4146	1,942.11	4,207.90	50,494.91
		STEP E	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP F	25.4903	38.2354	2,039.22	4,418.31	53,019.82
		STEP G	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP H	26.7648	40.1472	2,141.18	4,639.23	55,670.78
		STEP I	27.4258	41.1387	2,194.06	4,753.80	57,045.66
		STEP J	28.1030	42.1545	2,248.24	4,871.18	58,454.24
		STEP K	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP L	29.5082	44.2623	2,360.65	5,114.75	61,377.05
		STEP M	30.2370	45.3555	2,418.96	5,241.08	62,892.96
		STEP N	30.9836	46.4754	2,478.68	5,370.49	64,445.88
		STEP O	31.7488	47.6232	2,539.90	5,503.12	66,037.50
B521	SR PARKS MAINTENANCE WORKER	STEP A	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP B	22.0196	33.0294	1,761.56	3,816.73	45,800.76
		STEP C	22.5633	33.8449	1,805.06	3,910.97	46,931.66
		STEP D	23.1205	34.6807	1,849.64	4,007.55	48,090.64
		STEP E	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP F	24.2765	36.4147	1,942.12	4,207.92	50,495.12
		STEP G	24.8761	37.3141	1,990.08	4,311.85	51,742.28
		STEP H	25.4904	38.2356	2,039.23	4,418.33	53,020.03
		STEP I	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP J	26.7649	40.1473	2,141.19	4,639.24	55,670.99
		STEP K	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP L	28.1031	42.1546	2,248.24	4,871.20	58,454.44
		STEP M	28.7973	43.1959	2,303.78	4,991.53	59,898.38
		STEP N	29.5084	44.2626	2,360.67	5,114.78	61,377.47
		STEP O	30.2371	45.3556	2,418.96	5,241.09	62,893.16
B959	SR PERMITS TECHNICIAN	STEP A	24.2582	36.3873	1,940.65	4,204.75	50,457.05
		STEP B	24.8571	37.2856	1,988.56	4,308.56	51,702.76
		STEP C	25.4710	38.2065	2,037.68	4,414.97	52,979.68
		STEP D	26.1000	39.1500	2,088.00	4,524.00	54,288.00
		STEP E	26.7445	40.1167	2,139.56	4,635.71	55,628.56
		STEP F	27.4050	41.1075	2,192.40	4,750.20	57,002.40
		STEP G	28.0818	42.1227	2,246.54	4,867.51	58,410.14
		STEP H	28.7753	43.1629	2,302.02	4,987.71	59,852.62
		STEP I	29.4859	44.2288	2,358.87	5,110.88	61,330.67
		STEP J	30.2140	45.3210	2,417.12	5,237.09	62,845.12
		STEP K	30.9602	46.4403	2,476.81	5,366.43	64,397.21
		STEP L	31.7248	47.5872	2,537.98	5,498.96	65,987.58
		STEP M	32.5082	48.7623	2,600.65	5,634.75	67,617.05
		STEP N	33.3110	49.9665	2,664.88	5,773.90	69,286.88
		STEP O	34.1337	51.2005	2,730.69	5,916.50	70,998.09

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B522	SR REFUSE TRUCK DRIVER	STEP A	22.0862	33.1293	1,766.89	3,828.27	45,939.29
		STEP B	22.6316	33.9474	1,810.52	3,922.81	47,073.72
		STEP C	23.1905	34.7857	1,855.24	4,019.68	48,236.24
		STEP D	23.7631	35.6446	1,901.04	4,118.93	49,427.24
		STEP E	24.3501	36.5251	1,948.00	4,220.68	50,648.20
		STEP F	24.9513	37.4269	1,996.10	4,324.89	51,898.70
		STEP G	25.5675	38.3512	2,045.40	4,431.70	53,180.40
		STEP H	26.1989	39.2983	2,095.91	4,541.14	54,493.71
		STEP I	26.8459	40.2688	2,147.67	4,653.28	55,839.47
		STEP J	27.5089	41.2633	2,200.71	4,768.20	57,218.51
		STEP K	28.1882	42.2823	2,255.05	4,885.95	58,631.45
		STEP L	28.8844	43.3266	2,310.75	5,006.62	60,079.55
		STEP M	29.5976	44.3964	2,367.80	5,130.25	61,563.00
		STEP N	30.3286	45.4929	2,426.28	5,256.95	63,083.48
		STEP O	31.0776	46.6164	2,486.20	5,386.78	64,641.40
B949	SR SOLID WASTE BILLING TECH	STEP A	22.9387	34.4080	1,835.09	3,976.04	47,712.49
		STEP B	23.5050	35.2575	1,880.40	4,074.20	48,890.40
		STEP C	24.0855	36.1282	1,926.84	4,174.82	50,097.84
		STEP D	24.6803	37.0204	1,974.42	4,277.91	51,335.02
		STEP E	25.2898	37.9347	2,023.18	4,383.56	52,602.78
		STEP F	25.9143	38.8714	2,073.14	4,491.81	53,901.74
		STEP G	26.5543	39.8314	2,124.34	4,602.74	55,232.94
		STEP H	27.2101	40.8151	2,176.80	4,716.41	56,597.00
		STEP I	27.8820	41.8230	2,230.56	4,832.88	57,994.56
		STEP J	28.5706	42.8559	2,285.64	4,952.23	59,426.84
		STEP K	29.2762	43.9143	2,342.09	5,074.54	60,894.49
		STEP L	29.9991	44.9986	2,399.92	5,199.84	62,398.12
		STEP M	30.7400	46.1100	2,459.20	5,328.26	63,939.20
		STEP N	31.4991	47.2486	2,519.92	5,459.84	65,518.12
		STEP O	32.2770	48.4155	2,582.16	5,594.68	67,136.16
B523	SR STREET MAINTENANCE WORKER	STEP A	22.9407	34.4110	1,835.25	3,976.38	47,716.65
		STEP B	23.5071	35.2606	1,880.56	4,074.56	48,894.76
		STEP C	24.0877	36.1315	1,927.01	4,175.20	50,102.41
		STEP D	24.6825	37.0237	1,974.60	4,278.30	51,339.60
		STEP E	25.2921	37.9381	2,023.36	4,383.96	52,607.56
		STEP F	25.9167	38.8750	2,073.33	4,492.22	53,906.73
		STEP G	26.5567	39.8350	2,124.53	4,603.16	55,237.93
		STEP H	27.2125	40.8187	2,177.00	4,716.83	56,602.00
		STEP I	27.8845	41.8267	2,230.76	4,833.31	57,999.76
		STEP J	28.5732	42.8598	2,285.85	4,952.68	59,432.25
		STEP K	29.2788	43.9182	2,342.30	5,074.99	60,899.90
		STEP L	30.0018	45.0027	2,400.14	5,200.31	62,403.74
		STEP M	30.7427	46.1140	2,459.41	5,328.73	63,944.81
		STEP N	31.5019	47.2528	2,520.15	5,460.32	65,523.95
		STEP O	32.2799	48.4198	2,582.39	5,595.18	67,142.19

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B524	SR TREE TRIMMER	STEP A	22.5120	33.7680	1,800.96	3,902.08	46,824.96
		STEP B	23.0679	34.6018	1,845.43	3,998.43	47,981.23
		STEP C	23.6376	35.4564	1,891.00	4,097.18	49,166.20
		STEP D	24.2213	36.3319	1,937.70	4,198.35	50,380.30
		STEP E	24.8195	37.2292	1,985.56	4,302.04	51,624.56
		STEP F	25.4324	38.1486	2,034.59	4,408.28	52,899.39
		STEP G	26.0605	39.0907	2,084.84	4,517.15	54,205.84
		STEP H	26.7040	40.0560	2,136.32	4,628.69	55,544.32
		STEP I	27.3634	41.0451	2,189.07	4,742.98	56,915.87
		STEP J	28.0392	42.0588	2,243.13	4,860.12	58,321.53
		STEP K	28.7317	43.0975	2,298.53	4,980.16	59,761.93
		STEP L	29.4412	44.1618	2,355.29	5,103.14	61,237.69
		STEP M	30.1682	45.2523	2,413.45	5,229.15	62,749.85
		STEP N	30.9133	46.3699	2,473.06	5,358.30	64,299.66
		STEP O	31.6767	47.5150	2,534.13	5,490.62	65,887.53
B525	SR WAREHOUSE WORKER	STEP A	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP B	22.0196	33.0294	1,761.56	3,816.73	45,800.76
		STEP C	22.5633	33.8449	1,805.06	3,910.97	46,931.66
		STEP D	23.1205	34.6807	1,849.64	4,007.55	48,090.64
		STEP E	23.6914	35.5371	1,895.31	4,106.50	49,278.11
		STEP F	24.2765	36.4147	1,942.12	4,207.92	50,495.12
		STEP G	24.8761	37.3141	1,990.08	4,311.85	51,742.28
		STEP H	25.4904	38.2356	2,039.23	4,418.33	53,020.03
		STEP I	26.1199	39.1798	2,089.59	4,527.44	54,329.39
		STEP J	26.7649	40.1473	2,141.19	4,639.24	55,670.99
		STEP K	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP L	28.1031	42.1546	2,248.24	4,871.20	58,454.44
		STEP M	28.7973	43.1959	2,303.78	4,991.53	59,898.38
		STEP N	29.5084	44.2626	2,360.67	5,114.78	61,377.47
		STEP O	30.2371	45.3556	2,418.96	5,241.09	62,893.16
B526	STREET MAINT WORKER I	STEP A	18.9612	28.4418	1,516.89	3,286.60	39,439.29
		STEP B	19.4294	29.1441	1,554.35	3,367.76	40,413.15
		STEP C	19.9092	29.8638	1,592.73	3,450.92	41,411.13
		STEP D	20.4008	30.6012	1,632.06	3,536.13	42,433.66
		STEP E	20.9046	31.3569	1,672.36	3,623.46	43,481.56
		STEP F	21.4209	32.1313	1,713.67	3,712.95	44,555.47
		STEP G	21.9499	32.9248	1,755.99	3,804.64	45,655.79
		STEP H	22.4920	33.7380	1,799.36	3,898.61	46,783.36
		STEP I	23.0474	34.5711	1,843.79	3,994.88	47,938.59
		STEP J	23.6166	35.4249	1,889.32	4,093.54	49,122.52
		STEP K	24.1998	36.2997	1,935.98	4,194.63	50,335.58
		STEP L	24.7974	37.1961	1,983.79	4,298.21	51,578.59
		STEP M	25.4098	38.1147	2,032.78	4,404.36	52,852.38
		STEP N	26.0373	39.0559	2,082.98	4,513.13	54,157.58
		STEP O	26.6803	40.0204	2,134.42	4,624.58	55,495.02

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B527	STREET MAINT WORKER II	STEP A	20.8573	31.2859	1,668.58	3,615.26	43,383.18
		STEP B	21.3723	32.0584	1,709.78	3,704.53	44,454.38
		STEP C	21.9001	32.8501	1,752.00	3,796.01	45,552.20
		STEP D	22.4409	33.6613	1,795.27	3,889.75	46,677.07
		STEP E	22.9951	34.4926	1,839.60	3,985.81	47,829.80
		STEP F	23.5630	35.3445	1,885.04	4,084.25	49,011.04
		STEP G	24.1449	36.2173	1,931.59	4,185.11	50,221.39
		STEP H	24.7411	37.1116	1,979.28	4,288.45	51,461.48
		STEP I	25.3521	38.0281	2,028.16	4,394.36	52,732.36
		STEP J	25.9782	38.9673	2,078.25	4,502.88	54,034.65
		STEP K	26.6197	39.9295	2,129.57	4,614.08	55,368.97
		STEP L	27.2771	40.9156	2,182.16	4,728.03	56,736.36
		STEP M	27.9507	41.9260	2,236.05	4,844.78	58,137.45
		STEP N	28.6410	42.9615	2,291.28	4,964.44	59,573.28
		STEP O	29.3483	44.0224	2,347.86	5,087.03	61,044.46
B528	STREET SWEEPER OPERATOR	STEP A	21.8977	32.8465	1,751.81	3,795.60	45,547.21
		STEP B	22.4384	33.6576	1,795.07	3,889.32	46,671.87
		STEP C	22.9925	34.4887	1,839.40	3,985.36	47,824.40
		STEP D	23.5603	35.3404	1,884.82	4,083.78	49,005.42
		STEP E	24.1422	36.2133	1,931.37	4,184.64	50,215.77
		STEP F	24.7384	37.1076	1,979.07	4,287.98	51,455.87
		STEP G	25.3493	38.0239	2,027.94	4,393.87	52,726.54
		STEP H	25.9753	38.9629	2,078.02	4,502.38	54,028.62
		STEP I	26.6168	39.9252	2,129.34	4,613.57	55,362.94
		STEP J	27.2741	40.9111	2,181.92	4,727.51	56,730.12
		STEP K	27.9476	41.9214	2,235.80	4,844.25	58,131.00
		STEP L	28.6378	42.9567	2,291.02	4,963.88	59,566.62
		STEP M	29.3450	44.0175	2,347.60	5,086.46	61,037.60
		STEP N	30.0697	45.1045	2,405.57	5,212.08	62,544.97
		STEP O	30.8123	46.2184	2,464.98	5,340.79	64,089.58
B960	TREE TRIMMER I	STEP A	18.6048	27.9072	1,488.38	3,224.83	38,697.98
		STEP B	19.0642	28.5963	1,525.13	3,304.46	39,653.53
		STEP C	19.5350	29.3025	1,562.80	3,386.06	40,632.80
		STEP D	20.0174	30.0261	1,601.39	3,469.68	41,636.19
		STEP E	20.5117	30.7675	1,640.93	3,555.36	42,664.33
		STEP F	21.0183	31.5274	1,681.46	3,643.17	43,718.06
		STEP G	21.5373	32.3059	1,722.98	3,733.13	44,797.58
		STEP H	22.0692	33.1038	1,765.53	3,825.32	45,903.93
		STEP I	22.6142	33.9213	1,809.13	3,919.79	47,037.53
		STEP J	23.1727	34.7590	1,853.81	4,016.60	48,199.21
		STEP K	23.7449	35.6173	1,899.59	4,115.78	49,389.39
		STEP L	24.3313	36.4969	1,946.50	4,217.42	50,609.10
		STEP M	24.9322	37.3983	1,994.57	4,321.58	51,858.97
		STEP N	25.5479	38.3218	2,043.83	4,428.30	53,139.63
		STEP O	26.1788	39.2682	2,094.30	4,537.65	54,451.90

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B961	TREE TRIMMER II	STEP A	20.4654	30.6981	1,637.23	3,547.33	42,568.03
		STEP B	20.9706	31.4559	1,677.64	3,634.90	43,618.84
		STEP C	21.4884	32.2326	1,719.07	3,724.65	44,695.87
		STEP D	22.0191	33.0286	1,761.52	3,816.64	45,799.72
		STEP E	22.5629	33.8443	1,805.03	3,910.90	46,930.83
		STEP F	23.1201	34.6801	1,849.60	4,007.48	48,089.80
		STEP G	23.6911	35.5366	1,895.28	4,106.45	49,277.48
		STEP H	24.2761	36.4141	1,942.08	4,207.85	50,494.28
		STEP I	24.8757	37.3135	1,990.05	4,311.78	51,741.45
		STEP J	25.4900	38.2350	2,039.20	4,418.26	53,019.20
		STEP K	26.1194	39.1791	2,089.55	4,527.36	54,328.35
		STEP L	26.7645	40.1467	2,141.16	4,639.18	55,670.16
		STEP M	27.4255	41.1382	2,194.04	4,753.75	57,045.04
		STEP N	28.1027	42.1540	2,248.21	4,871.13	58,453.61
		STEP O	28.7967	43.1950	2,303.73	4,991.42	59,897.13
B530	VEHICLE MAINT PARTS BUYER	STEP A	21.4854	32.2281	1,718.83	3,724.13	44,689.63
		STEP B	22.0160	33.0240	1,761.28	3,816.10	45,793.28
		STEP C	22.5596	33.8394	1,804.76	3,910.33	46,923.96
		STEP D	23.1168	34.6752	1,849.34	4,006.91	48,082.94
		STEP E	23.6877	35.5315	1,895.01	4,105.86	49,270.41
		STEP F	24.2726	36.4089	1,941.80	4,207.25	50,487.00
		STEP G	24.8720	37.3080	1,989.76	4,311.14	51,733.76
		STEP H	25.4862	38.2293	2,038.89	4,417.60	53,011.29
		STEP I	26.1157	39.1735	2,089.25	4,526.72	54,320.65
		STEP J	26.7606	40.1409	2,140.84	4,638.50	55,662.04
		STEP K	27.4215	41.1322	2,193.72	4,753.06	57,036.72
		STEP L	28.0987	42.1480	2,247.89	4,870.44	58,445.29
		STEP M	28.7926	43.1889	2,303.40	4,990.71	59,888.60
		STEP N	29.5036	44.2554	2,360.28	5,113.95	61,367.48
		STEP O	30.2322	45.3483	2,418.57	5,240.24	62,882.97
B531	VEHICLE MAINT SERVICEWRITER	STEP A	26.5818	39.8727	2,126.54	4,607.51	55,290.14
		STEP B	27.2381	40.8571	2,179.04	4,721.27	56,655.24
		STEP C	27.9108	41.8662	2,232.86	4,837.87	58,054.46
		STEP D	28.6000	42.9000	2,288.00	4,957.33	59,488.00
		STEP E	29.3063	43.9594	2,344.50	5,079.75	60,957.10
		STEP F	30.0300	45.0450	2,402.40	5,205.20	62,462.40
		STEP G	30.7717	46.1575	2,461.73	5,333.76	64,005.13
		STEP H	31.5316	47.2974	2,522.52	5,465.47	65,585.72
		STEP I	32.3102	48.4653	2,584.81	5,600.43	67,205.21
		STEP J	33.1082	49.6623	2,648.65	5,738.75	68,865.05
		STEP K	33.9257	50.8885	2,714.05	5,880.45	70,565.45
		STEP L	34.7635	52.1452	2,781.08	6,025.67	72,308.08
		STEP M	35.6221	53.4331	2,849.76	6,174.49	74,093.96
		STEP N	36.5017	54.7525	2,920.13	6,326.96	75,923.53
		STEP O	37.4032	56.1048	2,992.25	6,483.22	77,798.65

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B553	VIDEO AND MULTIMEDIA TECH	STEP A	21.7659	32.6488	1,741.27	3,772.75	45,273.07
		STEP B	22.3033	33.4549	1,784.26	3,865.90	46,390.86
		STEP C	22.8541	34.2811	1,828.32	3,961.37	47,536.52
		STEP D	23.4185	35.1277	1,873.48	4,059.20	48,710.48
		STEP E	23.9968	35.9952	1,919.74	4,159.44	49,913.34
		STEP F	24.5894	36.8841	1,967.15	4,262.16	51,145.95
		STEP G	25.1967	37.7950	2,015.73	4,367.42	52,409.13
		STEP H	25.8190	38.7285	2,065.52	4,475.29	53,703.52
		STEP I	26.4566	39.6849	2,116.52	4,585.81	55,029.72
		STEP J	27.1099	40.6648	2,168.79	4,699.04	56,388.59
		STEP K	27.7794	41.6691	2,222.35	4,815.09	57,781.15
		STEP L	28.4654	42.6981	2,277.23	4,934.00	59,208.03
		STEP M	29.1684	43.7526	2,333.47	5,055.85	60,670.27
		STEP N	29.8888	44.8332	2,391.10	5,180.72	62,168.70
		STEP O	30.6268	45.9402	2,450.14	5,308.64	63,703.74
B532	WAREHOUSE WORKER I	STEP A	17.1728	25.7592	1,373.82	2,976.61	35,719.42
		STEP B	17.5968	26.3952	1,407.74	3,050.11	36,601.34
		STEP C	18.0315	27.0472	1,442.52	3,125.46	37,505.52
		STEP D	18.4767	27.7150	1,478.13	3,202.62	38,431.53
		STEP E	18.9330	28.3995	1,514.64	3,281.72	39,380.64
		STEP F	19.4005	29.1007	1,552.04	3,362.75	40,353.04
		STEP G	19.8797	29.8195	1,590.37	3,445.81	41,349.77
		STEP H	20.3706	30.5559	1,629.64	3,530.90	42,370.84
		STEP I	20.8737	31.3105	1,669.89	3,618.10	43,417.29
		STEP J	21.3891	32.0836	1,711.12	3,707.44	44,489.32
		STEP K	21.9174	32.8761	1,753.39	3,799.01	45,588.19
		STEP L	22.4586	33.6879	1,796.68	3,892.82	46,713.88
		STEP M	23.0132	34.5198	1,841.05	3,988.95	47,867.45
		STEP N	23.5816	35.3724	1,886.52	4,087.47	49,049.72
		STEP O	24.1639	36.2458	1,933.11	4,188.40	50,260.91
B533	WAREHOUSE WORKER II	STEP A	19.4909	29.2363	1,559.27	3,378.42	40,541.07
		STEP B	19.9722	29.9583	1,597.77	3,461.84	41,542.17
		STEP C	20.4655	30.6982	1,637.24	3,547.35	42,568.24
		STEP D	20.9709	31.4563	1,677.67	3,634.95	43,619.47
		STEP E	21.4887	32.2330	1,719.09	3,724.70	44,696.49
		STEP F	22.0195	33.0292	1,761.56	3,816.71	45,800.56
		STEP G	22.5632	33.8448	1,805.05	3,910.95	46,931.45
		STEP H	23.1203	34.6804	1,849.62	4,007.51	48,090.22
		STEP I	23.6913	35.5369	1,895.30	4,106.49	49,277.90
		STEP J	24.2764	36.4146	1,942.11	4,207.90	50,494.91
		STEP K	24.8760	37.3140	1,990.08	4,311.84	51,742.08
		STEP L	25.4903	38.2354	2,039.22	4,418.31	53,019.82
		STEP M	26.1198	39.1797	2,089.58	4,527.43	54,329.18
		STEP N	26.7648	40.1472	2,141.18	4,639.23	55,670.78
		STEP O	27.4258	41.1387	2,194.06	4,753.80	57,045.66

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B534	WATER TRMT PLT OPR GD I 24HR	STEP A	14.6176	21.9264	1,637.17	3,547.20	42,566.45
		STEP B	14.9785	22.4677	1,677.59	3,634.78	43,617.39
		STEP C	15.3484	23.0226	1,719.02	3,724.54	44,694.54
		STEP D	15.7275	23.5912	1,761.48	3,816.54	45,798.48
		STEP E	16.1158	24.1737	1,804.96	3,910.76	46,929.20
		STEP F	16.5138	24.7707	1,849.54	4,007.34	48,088.18
		STEP G	16.9216	25.3824	1,895.21	4,106.30	49,275.69
		STEP H	17.3395	26.0092	1,942.02	4,207.71	50,492.62
		STEP I	17.7677	26.6515	1,989.98	4,311.62	51,739.54
		STEP J	18.2065	27.3097	2,039.12	4,418.11	53,017.32
		STEP K	18.6561	27.9841	2,089.48	4,527.21	54,326.56
		STEP L	19.1168	28.6752	2,141.08	4,639.01	55,668.12
		STEP M	19.5889	29.3833	2,193.95	4,753.57	57,042.87
		STEP N	20.0727	30.1090	2,248.14	4,870.97	58,451.70
		STEP O	20.5684	30.8526	2,303.66	4,991.26	59,895.18
B535	WATER TRMT PLT OPR GD I 8HR	STEP A	20.4648	30.6972	1,637.18	3,547.23	42,566.78
		STEP B	20.9703	31.4554	1,677.62	3,634.85	43,618.22
		STEP C	21.4881	32.2321	1,719.04	3,724.60	44,695.24
		STEP D	22.0187	33.0280	1,761.49	3,816.57	45,798.89
		STEP E	22.5625	33.8437	1,805.00	3,910.83	46,930.00
		STEP F	23.1197	34.6795	1,849.57	4,007.41	48,088.97
		STEP G	23.6906	35.5359	1,895.24	4,106.37	49,276.44
		STEP H	24.2757	36.4135	1,942.05	4,207.78	50,493.45
		STEP I	24.8752	37.3128	1,990.01	4,311.70	51,740.41
		STEP J	25.4895	38.2342	2,039.16	4,418.18	53,018.16
		STEP K	25.5621	38.3431	2,044.96	4,430.76	53,169.16
		STEP L	26.7640	40.1460	2,141.12	4,639.09	55,669.12
		STEP M	27.4249	41.1373	2,193.99	4,753.64	57,043.79
		STEP N	28.1022	42.1533	2,248.17	4,871.04	58,452.57
		STEP O	28.7962	43.1943	2,303.69	4,991.34	59,896.09
B536	WATER TRMT PLT OPR GD II 24HR	STEP A	16.1303	24.1954	1,806.59	3,914.28	46,971.43
		STEP B	16.5286	24.7929	1,851.20	4,010.94	48,131.28
		STEP C	16.9367	25.4050	1,896.91	4,109.97	49,319.67
		STEP D	17.3550	26.0325	1,943.76	4,211.48	50,537.76
		STEP E	17.7836	26.6754	1,991.76	4,315.48	51,785.84
		STEP F	18.2228	27.3342	2,040.95	4,422.06	53,064.79
		STEP G	18.6727	28.0090	2,091.34	4,531.24	54,374.90
		STEP H	19.1339	28.7008	2,143.00	4,643.15	55,717.91
		STEP I	19.6064	29.4096	2,195.91	4,757.81	57,093.83
		STEP J	20.0906	30.1359	2,250.14	4,875.31	58,503.82
		STEP K	20.5868	30.8802	2,305.72	4,995.73	59,948.76
		STEP L	21.0951	31.6426	2,362.65	5,119.07	61,428.93
		STEP M	21.6161	32.4241	2,421.00	5,245.50	62,946.08
		STEP N	22.1499	33.2248	2,480.78	5,375.04	64,500.50
		STEP O	22.6969	34.0453	2,542.05	5,507.78	66,093.37

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B537	WATER TRMT PLT OPR GD II 8HR	STEP A	22.5823	33.8734	1,806.58	3,914.26	46,971.18
		STEP B	23.1402	34.7103	1,851.21	4,010.96	48,131.61
		STEP C	23.7117	35.5675	1,896.93	4,110.02	49,320.33
		STEP D	24.2972	36.4458	1,943.77	4,211.51	50,538.17
		STEP E	24.8973	37.3459	1,991.78	4,315.53	51,786.38
		STEP F	25.5121	38.2681	2,040.96	4,422.09	53,065.16
		STEP G	26.1422	39.2133	2,091.37	4,531.31	54,375.77
		STEP H	26.7878	40.1817	2,143.02	4,643.21	55,718.62
		STEP I	27.4493	41.1739	2,195.94	4,757.87	57,094.54
		STEP J	28.1272	42.1908	2,250.17	4,875.38	58,504.57
		STEP K	28.8218	43.2327	2,305.74	4,995.77	59,949.34
		STEP L	29.5336	44.3004	2,362.68	5,119.15	61,429.88
		STEP M	30.2629	45.3943	2,421.03	5,245.56	62,946.83
		STEP N	31.0102	46.5153	2,480.81	5,375.10	64,501.21
		STEP O	31.7761	47.6641	2,542.08	5,507.85	66,094.28
B538	WATER TRMT PLT OPR GD III 24HR	STEP A	20.5693	30.8539	2,303.76	4,991.48	59,897.80
		STEP B	21.0771	31.6156	2,360.63	5,114.70	61,376.51
		STEP C	21.5976	32.3964	2,418.93	5,241.01	62,892.21
		STEP D	22.1309	33.1963	2,478.66	5,370.43	64,445.18
		STEP E	22.6775	34.0162	2,539.88	5,503.07	66,036.88
		STEP F	23.2374	34.8561	2,602.58	5,638.94	67,667.30
		STEP G	23.8114	35.7171	2,666.87	5,778.23	69,338.79
		STEP H	24.3994	36.5991	2,732.73	5,920.92	71,051.05
		STEP I	25.0019	37.5028	2,800.21	6,067.12	72,805.53
		STEP J	25.6193	38.4289	2,869.36	6,216.95	74,603.40
		STEP K	26.2520	39.3780	2,940.22	6,370.48	76,445.82
		STEP L	26.9004	40.3506	3,012.84	6,527.83	78,333.96
		STEP M	27.5647	41.3470	3,087.24	6,689.03	80,268.40
		STEP N	28.2453	42.3679	3,163.47	6,854.19	82,250.31
		STEP O	28.9429	43.4143	3,241.60	7,023.47	84,281.72
B539	WATER TRMT PLT OPR GD III 8HR	STEP A	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP B	28.1031	42.1546	2,248.24	4,871.20	58,454.44
		STEP C	28.7972	43.1958	2,303.77	4,991.51	59,898.17
		STEP D	29.5083	44.2624	2,360.66	5,114.77	61,377.26
		STEP E	30.2370	45.3555	2,418.96	5,241.08	62,892.96
		STEP F	30.9837	46.4755	2,478.69	5,370.50	64,446.09
		STEP G	31.7489	47.6233	2,539.91	5,503.14	66,037.71
		STEP H	32.5330	48.7995	2,602.64	5,639.05	67,668.64
		STEP I	33.3364	50.0046	2,666.91	5,778.30	69,339.71
		STEP J	34.1596	51.2394	2,732.76	5,921.00	71,051.96
		STEP K	35.0032	52.5048	2,800.25	6,067.22	72,806.65
		STEP L	35.8676	53.8014	2,869.40	6,217.05	74,604.60
		STEP M	36.7534	55.1301	2,940.27	6,370.58	76,447.07
		STEP N	37.6611	56.4916	3,012.88	6,527.92	78,335.08
		STEP O	38.5911	57.8866	3,087.28	6,689.12	80,269.48

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B540	WSTWTR TRMT PLT OPR GD I	STEP A	20.4649	30.6973	1,637.19	3,547.24	42,566.99
		STEP B	20.9703	31.4554	1,677.62	3,634.85	43,618.22
		STEP C	21.4881	32.2321	1,719.04	3,724.60	44,695.24
		STEP D	22.0187	33.0280	1,761.49	3,816.57	45,798.89
		STEP E	22.5625	33.8437	1,805.00	3,910.83	46,930.00
		STEP F	23.1197	34.6795	1,849.57	4,007.41	48,088.97
		STEP G	23.6906	35.5359	1,895.24	4,106.37	49,276.44
		STEP H	24.2757	36.4135	1,942.05	4,207.78	50,493.45
		STEP I	24.8752	37.3128	1,990.01	4,311.70	51,740.41
		STEP J	25.4895	38.2342	2,039.16	4,418.18	53,018.16
		STEP K	26.1190	39.1785	2,089.52	4,527.29	54,327.52
		STEP L	26.7640	40.1460	2,141.12	4,639.09	55,669.12
		STEP M	27.4249	41.1373	2,193.99	4,753.64	57,043.79
		STEP N	28.1022	42.1533	2,248.17	4,871.04	58,452.57
		STEP O	28.7962	43.1943	2,303.69	4,991.34	59,896.09
B541	WSTWTR TRMT PLT OPR GD II	STEP A	22.5825	33.8737	1,806.60	3,914.30	46,971.60
		STEP B	23.1400	34.7100	1,851.20	4,010.93	48,131.20
		STEP C	23.7114	35.5671	1,896.91	4,109.97	49,319.71
		STEP D	24.2970	36.4455	1,943.76	4,211.48	50,537.76
		STEP E	24.8971	37.3456	1,991.76	4,315.49	51,785.96
		STEP F	25.5119	38.2678	2,040.95	4,422.06	53,064.75
		STEP G	26.1419	39.2128	2,091.35	4,531.26	54,375.15
		STEP H	26.7875	40.1812	2,143.00	4,643.16	55,718.00
		STEP I	27.4490	41.1735	2,195.92	4,757.82	57,093.92
		STEP J	28.1269	42.1903	2,250.15	4,875.32	58,503.95
		STEP K	28.8215	43.2322	2,305.72	4,995.72	59,948.72
		STEP L	29.5333	44.2999	2,362.66	5,119.10	61,429.26
		STEP M	30.2626	45.3939	2,421.00	5,245.51	62,946.20
		STEP N	31.0099	46.5148	2,480.79	5,375.04	64,500.59
		STEP O	31.7758	47.6637	2,542.06	5,507.80	66,093.66
B542	WSTWTR TRMT PLT OPR GD III	STEP A	27.4259	41.1388	2,194.07	4,753.82	57,045.87
		STEP B	28.1029	42.1543	2,248.23	4,871.16	58,454.03
		STEP C	28.7970	43.1955	2,303.76	4,991.48	59,897.76
		STEP D	29.5082	44.2623	2,360.65	5,114.75	61,377.05
		STEP E	30.2369	45.3553	2,418.95	5,241.06	62,892.75
		STEP F	30.9836	46.4754	2,478.68	5,370.49	64,445.88
		STEP G	31.7487	47.6230	2,539.89	5,503.10	66,037.29
		STEP H	32.5328	48.7992	2,602.62	5,639.01	67,668.22
		STEP I	33.3361	50.0041	2,666.88	5,778.25	69,339.08
		STEP J	34.1595	51.2392	2,732.76	5,920.98	71,051.76
		STEP K	35.0030	52.5045	2,800.24	6,067.18	72,806.24
		STEP L	35.8675	53.8012	2,869.40	6,217.03	74,604.40
		STEP M	36.7532	55.1298	2,940.25	6,370.55	76,446.65
		STEP N	37.6608	56.4912	3,012.86	6,527.87	78,334.46
		STEP O	38.5909	57.8863	3,087.27	6,689.08	80,269.07

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: P
Percentage: 1.000

Effective Date: 05/11/2019

L39B LOCAL 39-B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B544	WSTWTR TRMT PLT OPR GD IV	STEP A	33.0208	49.5312	2,641.66	5,723.60	68,683.26
		STEP B	33.8361	50.7541	2,706.88	5,864.92	70,379.08
		STEP C	34.6716	52.0074	2,773.72	6,009.74	72,116.92
		STEP D	35.5278	53.2917	2,842.22	6,158.15	73,897.82
		STEP E	36.4052	54.6078	2,912.41	6,310.23	75,722.81
		STEP F	37.3043	55.9564	2,984.34	6,466.07	77,592.94
		STEP G	38.2255	57.3382	3,058.04	6,625.75	79,509.04
		STEP H	39.1695	58.7542	3,133.56	6,789.38	81,472.56
		STEP I	40.1368	60.2052	3,210.94	6,957.04	83,484.54
		STEP J	41.1280	61.6920	3,290.24	7,128.85	85,546.24
		STEP K	42.1436	63.2154	3,371.48	7,304.89	87,658.68
		STEP L	43.1845	64.7767	3,454.76	7,485.31	89,823.76
		STEP M	44.2509	66.3763	3,540.07	7,670.15	92,041.87
		STEP N	45.3437	68.0155	3,627.49	7,859.57	94,314.89
		STEP O	46.4634	69.6951	3,717.07	8,053.65	96,643.87
B543	WSTWTR TRMT PLT OPR GDIII 24HR	STEP A	21.0591	31.5886	2,358.61	5,110.34	61,324.09
		STEP B	21.5790	32.3685	2,416.84	5,236.50	62,838.04
		STEP C	22.1120	33.1680	2,476.54	5,365.84	64,390.14
		STEP D	22.6580	33.9870	2,537.69	5,498.34	65,980.09
		STEP E	23.2175	34.8262	2,600.36	5,634.11	67,609.36
		STEP F	23.7909	35.6863	2,664.58	5,773.25	69,279.10
		STEP G	24.3784	36.5676	2,730.38	5,915.82	70,989.90
		STEP H	24.9805	37.4707	2,797.81	6,061.93	72,743.21
		STEP I	25.5974	38.3961	2,866.90	6,211.63	74,539.62
		STEP J	26.2295	39.3442	2,937.70	6,365.02	76,380.30
		STEP K	26.8773	40.3159	3,010.25	6,522.22	78,266.69
		STEP L	27.5410	41.3115	3,084.59	6,683.28	80,199.39
		STEP M	28.2212	42.3318	3,160.77	6,848.34	82,180.13
		STEP N	28.9181	43.3771	3,238.82	7,017.45	84,209.50
		STEP O	29.6322	44.4483	3,318.80	7,190.74	86,288.96
B560	YOUTH DEVELOPMENT PROG COORD	STEP A	22.3341	33.5011	1,786.72	3,871.24	46,454.92
		STEP B	22.8856	34.3284	1,830.84	3,966.83	47,602.04
		STEP C	23.4507	35.1760	1,876.05	4,064.78	48,777.45
		STEP D	24.0299	36.0448	1,922.39	4,165.18	49,982.19
		STEP E	24.6233	36.9349	1,969.86	4,268.03	51,216.46
		STEP F	25.2314	37.8471	2,018.51	4,373.44	52,481.31
		STEP G	25.8545	38.7817	2,068.36	4,481.44	53,777.36
		STEP H	26.4929	39.7393	2,119.43	4,592.10	55,105.23
		STEP I	27.1472	40.7208	2,171.77	4,705.51	56,466.17
		STEP J	27.8176	41.7264	2,225.40	4,821.71	57,860.60
		STEP K	28.5046	42.7569	2,280.36	4,940.79	59,289.56
		STEP L	29.2085	43.8127	2,336.68	5,062.80	60,753.68
		STEP M	29.9298	44.8947	2,394.38	5,187.83	62,253.98
		STEP N	30.6690	46.0035	2,453.52	5,315.96	63,791.52
		STEP O	31.4263	47.1394	2,514.10	5,447.22	65,366.70

ORDINANCE NO. 6091

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6061, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED
BY ROSEVILLE AREA FIREFIGHTERS, AS AMENDED BY APPENDIX "B", TO BE
EFFECTIVE MAY 11, 2019 AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6061, the Salary Ordinance for Roseville Area Firefighters, is hereby amended as shown on Appendix "B" for salary schedules A and B, attached hereto.

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
9551/B975	Fire & Environmental Safety Supervisor	5493

SECTION 2. Classification Salary Plan.

A Salary Schedule A and B as to the classifications for the Employees represented by the Roseville Area Firefighters as shown by the attached Appendixes "B", incorporated herein by this reference, are hereby adopted.

SECTION 3. Salary Plan Effective Date.

A Classification Salary Plan adopted by this Ordinance shall be effective May 11, 2019 as an urgency measure.

SECTION 4. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect May 11, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 5. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

ATTEST:

MAYOR

City Clerk

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Appendix: B
Percentage: 1.000

Effective Date: 05/11/2019

RFF ROSEVILLE FIREFIGHTERS

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3375	FIRE & ENVIR SAFETY INSPEC I	STEP A	30.5310	2,442.48	5,292.04	63,504.48
		STEP B	32.0579	2,564.63	5,556.70	66,680.43
		STEP C	33.6606	2,692.84	5,834.50	70,014.04
		STEP D	35.3437	2,827.49	6,126.24	73,514.89
		STEP E	37.1108	2,968.86	6,432.53	77,190.46
		STEP F	38.9664	3,117.31	6,754.17	81,050.11
		STEP G	40.9146	3,273.16	7,091.86	85,102.36
		STEP H	42.9605	3,436.84	7,446.48	89,357.84
3377	FIRE & ENVIR SAFETY INSPEC II	STEP A	33.5840	2,686.72	5,821.22	69,854.72
		STEP B	35.2633	2,821.06	6,112.30	73,347.66
		STEP C	37.0266	2,962.12	6,417.94	77,015.32
		STEP D	38.8779	3,110.23	6,738.83	80,866.03
		STEP E	40.8216	3,265.72	7,075.74	84,908.92
		STEP F	42.8626	3,429.00	7,429.51	89,154.20
		STEP G	45.0058	3,600.46	7,801.00	93,612.06
		STEP H	47.2565	3,780.52	8,191.12	98,293.52
3320	FIRE CAPTAIN	STEP A	27.8840	3,123.00	6,766.51	81,198.20
		STEP B	29.2783	3,279.16	7,104.86	85,258.40
		STEP C	30.7423	3,443.13	7,460.13	89,521.57
		STEP D	32.2793	3,615.28	7,833.11	93,997.32
		STEP E	33.8935	3,796.07	8,224.82	98,697.87
		STEP F	35.5880	3,985.85	8,636.02	103,632.25
		STEP G	37.3674	4,185.14	9,067.82	108,813.86
		STEP H	39.2358	4,394.40	9,521.22	114,254.64
F320	FIRE CAPTAIN- 8 HR	STEP A	39.0377	3,123.01	6,766.53	81,198.41
		STEP B	40.9896	3,279.16	7,104.86	85,258.36
		STEP C	43.0393	3,443.14	7,460.14	89,521.74
		STEP D	45.1910	3,615.28	7,833.10	93,997.28
		STEP E	47.4509	3,796.07	8,224.82	98,697.87
		STEP F	49.8232	3,985.85	8,636.02	103,632.25
		STEP G	52.3145	4,185.16	9,067.84	108,814.16
		STEP H	54.9303	4,394.42	9,521.25	114,255.02

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Appendix: B
Percentage: 1.000

Effective Date: 05/11/2019

RFF ROSEVILLE FIREFIGHTERS

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3340	FIRE ENGINEER	STEP A	23.9886	2,686.72	5,821.23	69,854.80
		STEP B	25.1881	2,821.06	6,112.31	73,347.74
		STEP C	26.4475	2,962.12	6,417.92	77,015.12
		STEP D	27.7698	3,110.21	6,738.80	80,865.65
		STEP E	29.1583	3,265.72	7,075.74	84,908.96
		STEP F	30.6161	3,429.00	7,429.50	89,154.08
		STEP G	32.1470	3,600.46	7,801.00	93,612.06
		STEP H	33.7547	3,780.52	8,191.14	98,293.68
F340	FIRE ENGINEER - 8 HR	STEP A	33.5841	2,686.72	5,821.24	69,854.92
		STEP B	35.2635	2,821.08	6,112.34	73,348.08
		STEP C	37.0268	2,962.14	6,417.97	77,015.74
		STEP D	38.8780	3,110.24	6,738.85	80,866.24
		STEP E	40.8218	3,265.74	7,075.77	84,909.34
		STEP F	42.8631	3,429.04	7,429.60	89,155.24
		STEP G	45.0061	3,600.48	7,801.05	93,612.68
		STEP H	47.2567	3,780.53	8,191.16	98,293.93
3382	FIRE INSPECTION SUPERVISOR	STEP A	39.0377	3,123.01	6,766.53	81,198.41
		STEP B	40.9896	3,279.16	7,104.86	85,258.36
		STEP C	43.0393	3,443.14	7,460.14	89,521.74
		STEP D	45.1910	3,615.28	7,833.10	93,997.28
		STEP E	47.4508	3,796.06	8,224.80	98,697.66
		STEP F	49.8231	3,985.84	8,636.00	103,632.04
		STEP G	52.3145	4,185.16	9,067.84	108,814.16
		STEP H	54.9303	4,394.42	9,521.25	114,255.02
3380	FIRE INSPECTOR I	STEP A	30.5310	2,442.48	5,292.04	63,504.48
		STEP B	32.0579	2,564.63	5,556.70	66,680.43
		STEP C	33.6606	2,692.84	5,834.50	70,014.04
		STEP D	35.3437	2,827.49	6,126.24	73,514.89
		STEP E	37.1108	2,968.86	6,432.53	77,190.46
		STEP F	38.9664	3,117.31	6,754.17	81,050.11
		STEP G	40.9146	3,273.16	7,091.86	85,102.36
		STEP H	42.9605	3,436.84	7,446.48	89,357.84

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Appendix: B
Percentage: 1.000

Effective Date: 05/11/2019

RFF ROSEVILLE FIREFIGHTERS

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3385	FIRE INSPECTOR II	STEP A	33.5840	2,686.72	5,821.22	69,854.72
		STEP B	35.2633	2,821.06	6,112.30	73,347.66
		STEP C	37.0266	2,962.12	6,417.94	77,015.32
		STEP D	38.8779	3,110.23	6,738.83	80,866.03
		STEP E	40.8216	3,265.72	7,075.74	84,908.92
		STEP F	42.8626	3,429.00	7,429.51	89,154.20
		STEP G	45.0058	3,600.46	7,801.00	93,612.06
		STEP H	47.2565	3,780.52	8,191.12	98,293.52
9551	FIRE&ENVIRONMENTAL SAFETY SUPV	STEP A	39.0379	3,123.03	6,766.56	81,198.83
		STEP B	40.9898	3,279.18	7,104.89	85,258.78
		STEP C	43.0393	3,443.14	7,460.14	89,521.74
		STEP D	45.1913	3,615.30	7,833.15	93,997.90
		STEP E	47.4508	3,796.06	8,224.80	98,697.66
		STEP F	49.8234	3,985.87	8,636.05	103,632.67
		STEP G	52.3146	4,185.16	9,067.86	108,814.36
		STEP H	54.9303	4,394.42	9,521.25	114,255.02
3353	FIREFIGHTER PARAMEDIC I	STEP A	23.9886	2,686.72	5,821.23	69,854.80
		STEP B	25.1881	2,821.06	6,112.31	73,347.74
		STEP C	26.4475	2,962.12	6,417.92	77,015.12
		STEP D	27.7698	3,110.21	6,738.80	80,865.65
		STEP E	29.1583	3,265.72	7,075.74	84,908.96
		STEP F	30.6161	3,429.00	7,429.50	89,154.08
		STEP G	32.1470	3,600.46	7,801.00	93,612.06
		STEP H	33.7547	3,780.52	8,191.14	98,293.68
F353	FIREFIGHTER PARAMEDIC I-8HR	STEP A	33.5841	2,686.72	5,821.24	69,854.92
		STEP B	35.2635	2,821.08	6,112.34	73,348.08
		STEP C	37.0268	2,962.14	6,417.97	77,015.74
		STEP D	38.8780	3,110.24	6,738.85	80,866.24
		STEP E	40.8218	3,265.74	7,075.77	84,909.34
		STEP F	42.8631	3,429.04	7,429.60	89,155.24
		STEP G	45.0061	3,600.48	7,801.05	93,612.68
		STEP H	47.2567	3,780.53	8,191.16	98,293.93

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Appendix: B
Percentage: 1.000

Effective Date: 05/11/2019

RFF ROSEVILLE FIREFIGHTERS

Job Code	Title	Step	Hourly	Bi-weekly	Monthly	Annual
3355	FIREFIGHTER PARAMEDIC II					
		STEP A	23.9886	2,686.72	5,821.23	69,854.80
		STEP B	25.1881	2,821.06	6,112.31	73,347.74
		STEP C	26.4475	2,962.12	6,417.92	77,015.12
		STEP D	27.7698	3,110.21	6,738.80	80,865.65
		STEP E	29.1583	3,265.72	7,075.74	84,908.96
		STEP F	30.6161	3,429.00	7,429.50	89,154.08
		STEP G	32.1470	3,600.46	7,801.00	93,612.06
		STEP H	33.7547	3,780.52	8,191.14	98,293.68
F355	FIREFIGHTER PARAMEDIC II-8HR					
		STEP A	33.5841	2,686.72	5,821.24	69,854.92
		STEP B	35.2635	2,821.08	6,112.34	73,348.08
		STEP C	37.0268	2,962.14	6,417.97	77,015.74
		STEP D	38.8780	3,110.24	6,738.85	80,866.24
		STEP E	40.8218	3,265.74	7,075.77	84,909.34
		STEP F	42.8631	3,429.04	7,429.60	89,155.24
		STEP G	45.0061	3,600.48	7,801.05	93,612.68
		STEP H	47.2567	3,780.53	8,191.16	98,293.93
3350	FIREFIGHTER-EMT I					
		STEP A	21.5261	2,410.92	5,223.66	62,684.00
		STEP B	22.6025	2,531.48	5,484.87	65,818.48
		STEP C	23.7325	2,658.04	5,759.08	69,109.04
		STEP D	24.9192	2,790.95	6,047.05	72,564.71
		STEP E	26.1654	2,930.52	6,349.47	76,193.64
		STEP F	27.4734	3,077.02	6,666.87	80,002.54
		STEP G	28.8473	3,230.89	7,000.27	84,003.33
		STEP H	30.2897	3,392.44	7,350.30	88,203.60

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: B

Percentage: 1.000

Effective Date: 05/11/2019

RFFB ROSEVILLE FIREFIGHTERS B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
B150	FIRE & ENVIR SAFETY INSPEC I	STEP A	30.4086	45.6129	2,432.68	5,270.82	63,249.88
		STEP B	31.1689	46.7533	2,493.51	5,402.60	64,831.31
		STEP C	31.9481	47.9221	2,555.84	5,537.67	66,452.04
		STEP D	32.7468	49.1202	2,619.74	5,676.11	68,113.34
		STEP E	33.5654	50.3481	2,685.23	5,818.00	69,816.03
		STEP F	34.4046	51.6069	2,752.36	5,963.46	71,561.56
		STEP G	35.2647	52.8970	2,821.17	6,112.54	73,350.57
		STEP H	36.1464	54.2196	2,891.71	6,265.37	75,184.51
		STEP I	37.0500	55.5750	2,964.00	6,422.00	77,064.00
		STEP J	37.9762	56.9643	3,038.09	6,582.54	78,990.49
B151	FIRE & ENVIR SAFETY INSPEC II	STEP A	33.4495	50.1742	2,675.96	5,797.91	69,574.96
		STEP B	34.2857	51.4285	2,742.85	5,942.85	71,314.25
		STEP C	35.1429	52.7143	2,811.43	6,091.43	73,097.23
		STEP D	36.0214	54.0321	2,881.71	6,243.70	74,924.51
		STEP E	36.9220	55.3830	2,953.76	6,399.81	76,797.76
		STEP F	37.8450	56.7675	3,027.60	6,559.80	78,717.60
		STEP G	38.7911	58.1866	3,103.28	6,723.79	80,685.48
		STEP H	39.7609	59.6413	3,180.87	6,891.88	82,702.67
		STEP I	40.7549	61.1323	3,260.39	7,064.18	84,770.19
		STEP J	41.7738	62.6607	3,341.90	7,240.79	86,889.50
B152	FIRE CAPTAIN	STEP A	27.6528	41.4792	3,097.11	6,710.41	80,524.95
		STEP B	28.3442	42.5163	3,174.55	6,878.19	82,538.31
		STEP C	29.0528	43.5792	3,253.91	7,050.14	84,601.75
		STEP D	29.7791	44.6686	3,335.25	7,226.39	86,716.73
		STEP E	30.5236	45.7854	3,418.64	7,407.06	88,884.72
		STEP F	31.2866	46.9299	3,504.09	7,592.21	91,106.57
		STEP G	32.0688	48.1032	3,591.70	7,782.02	93,384.34
		STEP H	32.8705	49.3057	3,681.49	7,976.57	95,718.89
		STEP I	33.6923	50.5384	3,773.53	8,176.00	98,111.97
		STEP J	34.5346	51.8019	3,867.87	8,380.39	100,564.75
B153	FIRE ENGINEER	STEP A	25.3332	37.9998	2,837.31	6,147.52	73,770.27
		STEP B	25.9666	38.9499	2,908.25	6,301.22	75,614.73
		STEP C	26.6157	39.9235	2,980.95	6,458.74	77,504.91
		STEP D	27.2811	40.9216	3,055.48	6,620.21	79,442.56
		STEP E	27.9631	41.9446	3,131.86	6,785.71	81,428.54
		STEP F	28.6622	42.9933	3,210.16	6,955.36	83,464.32
		STEP G	29.3788	44.0682	3,290.42	7,129.25	85,551.06
		STEP H	30.1132	45.1698	3,372.67	7,307.46	87,689.63
		STEP I	30.8661	46.2991	3,457.00	7,490.17	89,882.08
		STEP J	31.6377	47.4565	3,543.42	7,677.41	92,128.98
B154	FIRE INSPECTION SUPERVISOR	STEP A	36.0970	54.1455	2,887.76	6,256.81	75,081.76
		STEP B	36.9995	55.4992	2,959.96	6,413.24	76,958.96
		STEP C	37.9244	56.8866	3,033.95	6,573.56	78,882.75
		STEP D	38.8725	58.3087	3,109.80	6,737.90	80,854.80
		STEP E	39.8444	59.7666	3,187.55	6,906.36	82,876.35

CITY OF ROSEVILLE

SALARY SCHEDULE - B

Appendix: B

Percentage: 1.000

Effective Date: 05/11/2019

RFFB ROSEVILLE FIREFIGHTERS B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
		STEP F	40.8405	61.2607	3,267.24	7,079.02	84,948.24
		STEP G	41.8615	62.7922	3,348.92	7,255.99	87,071.92
		STEP H	42.9080	64.3620	3,432.64	7,437.38	89,248.64
		STEP I	43.9807	65.9710	3,518.45	7,623.32	91,479.85
		STEP J	45.0802	67.6203	3,606.41	7,813.90	93,766.81
B155	FIRE INSPECTOR I						
		STEP A	30.4086	45.6129	2,432.68	5,270.82	63,249.88
		STEP B	31.1689	46.7533	2,493.51	5,402.60	64,831.31
		STEP C	31.9481	47.9221	2,555.84	5,537.67	66,452.04
		STEP D	32.7468	49.1202	2,619.74	5,676.11	68,113.34
		STEP E	33.5654	50.3481	2,685.23	5,818.00	69,816.03
		STEP F	34.4046	51.6069	2,752.36	5,963.46	71,561.56
		STEP G	35.2647	52.8970	2,821.17	6,112.54	73,350.57
		STEP H	36.1464	54.2196	2,891.71	6,265.37	75,184.51
		STEP I	37.0500	55.5750	2,964.00	6,422.00	77,064.00
		STEP J	37.9762	56.9643	3,038.09	6,582.54	78,990.49
B156	FIRE INSPECTOR II						
		STEP A	33.4495	50.1742	2,675.96	5,797.91	69,574.96
		STEP B	34.2857	51.4285	2,742.85	5,942.85	71,314.25
		STEP C	35.1429	52.7143	2,811.43	6,091.43	73,097.23
		STEP D	36.0214	54.0321	2,881.71	6,243.70	74,924.51
		STEP E	36.9220	55.3830	2,953.76	6,399.81	76,797.76
		STEP F	37.8450	56.7675	3,027.60	6,559.80	78,717.60
		STEP G	38.7911	58.1866	3,103.28	6,723.79	80,685.48
		STEP H	39.7609	59.6413	3,180.87	6,891.88	82,702.67
		STEP I	40.7549	61.1323	3,260.39	7,064.18	84,770.19
		STEP J	41.7738	62.6607	3,341.90	7,240.79	86,889.50
B975	FIRE&ENVIRONMENTAL SAFETY SUPV						
		STEP A	38.4669	57.7003	3,077.35	6,667.59	80,011.15
		STEP B	39.4285	59.1427	3,154.28	6,834.27	82,011.28
		STEP C	40.4143	60.6214	3,233.14	7,005.14	84,061.74
		STEP D	41.4246	62.1369	3,313.96	7,180.26	86,163.16
		STEP E	42.4602	63.6903	3,396.81	7,359.76	88,317.21
		STEP F	43.5217	65.2825	3,481.73	7,543.76	90,525.13
		STEP G	44.6098	66.9147	3,568.78	7,732.36	92,788.38
		STEP H	45.7250	68.5875	3,658.00	7,925.66	95,108.00
		STEP I	46.8682	70.3023	3,749.45	8,123.82	97,485.85
		STEP J	48.0399	72.0598	3,843.19	8,326.91	99,922.99
B157	FIREFIGHTER PARAMEDIC I						
		STEP A	25.3332	37.9998	2,837.31	6,147.52	73,770.27
		STEP B	25.9666	38.9499	2,908.25	6,301.22	75,614.73
		STEP C	26.6157	39.9235	2,980.95	6,458.74	77,504.91
		STEP D	27.2811	40.9216	3,055.48	6,620.21	79,442.56
		STEP E	27.9631	41.9446	3,131.86	6,785.71	81,428.54
		STEP F	28.6622	42.9933	3,210.16	6,955.36	83,464.32
		STEP G	29.3788	44.0682	3,290.42	7,129.25	85,551.06
		STEP H	30.1132	45.1698	3,372.67	7,307.46	87,689.63
		STEP I	30.8661	46.2991	3,457.00	7,490.17	89,882.08
		STEP J	31.6377	47.4565	3,543.42	7,677.41	92,128.98
BF57	FIREFIGHTER PARAMEDIC I-8HR						

CITY OF ROSEVILLE
SALARY SCHEDULE - B

Appendix: B

Percentage: 1.000

Effective Date: 05/11/2019

RFFB ROSEVILLE FIREFIGHTERS B

Job Code	Title	Step	Hourly	O/T Hrly	Bi-weekly	Monthly	Annual
		STEP A	35.4665	53.1997	2,837.32	6,147.52	73,770.32
		STEP B	36.3532	54.5298	2,908.25	6,301.22	75,614.65
		STEP C	37.2620	55.8930	2,980.96	6,458.74	77,504.96
		STEP D	38.1936	57.2904	3,055.48	6,620.22	79,442.68
		STEP E	39.1484	58.7226	3,131.87	6,785.72	81,428.67
		STEP F	40.1271	60.1906	3,210.16	6,955.36	83,464.36
		STEP G	41.1303	61.6954	3,290.42	7,129.25	85,551.02
		STEP H	42.1585	63.2377	3,372.68	7,307.47	87,689.68
		STEP I	43.2125	64.8187	3,457.00	7,490.16	89,882.00
		STEP J	44.2928	66.4392	3,543.42	7,677.41	92,129.02
B158	FIREFIGHTER PARAMEDIC II						
		STEP A	25.3332	37.9998	2,837.31	6,147.52	73,770.27
		STEP B	25.9666	38.9499	2,908.25	6,301.22	75,614.73
		STEP C	26.6157	39.9235	2,980.95	6,458.74	77,504.91
		STEP D	27.2811	40.9216	3,055.48	6,620.21	79,442.56
		STEP E	27.9631	41.9446	3,131.86	6,785.71	81,428.54
		STEP F	28.6622	42.9933	3,210.16	6,955.36	83,464.32
		STEP G	29.3788	44.0682	3,290.42	7,129.25	85,551.06
		STEP H	30.1132	45.1698	3,372.67	7,307.46	87,689.63
		STEP I	30.8661	46.2991	3,457.00	7,490.17	89,882.08
		STEP J	31.6377	47.4565	3,543.42	7,677.41	92,128.98
BF58	FIREFIGHTER PARAMEDIC II-8HR						
		STEP A	35.4665	53.1997	2,837.32	6,147.52	73,770.32
		STEP B	36.3532	54.5298	2,908.25	6,301.22	75,614.65
		STEP C	37.2620	55.8930	2,980.96	6,458.74	77,504.96
		STEP D	38.1936	57.2904	3,055.48	6,620.22	79,442.68
		STEP E	39.1484	58.7226	3,131.87	6,785.72	81,428.67
		STEP F	40.1271	60.1906	3,210.16	6,955.36	83,464.36
		STEP G	41.1303	61.6954	3,290.42	7,129.25	85,551.02
		STEP H	42.1585	63.2377	3,372.68	7,307.47	87,689.68
		STEP I	43.2125	64.8187	3,457.00	7,490.16	89,882.00
		STEP J	44.2928	66.4392	3,543.42	7,677.41	92,129.02
B159	FIREFIGHTER-EMT I						
		STEP A	21.4399	32.1598	2,401.26	5,202.74	62,432.98
		STEP B	21.9759	32.9638	2,461.30	5,332.81	63,993.82
		STEP C	22.5253	33.7879	2,522.83	5,466.13	65,593.67
		STEP D	23.0884	34.6326	2,585.90	5,602.78	67,233.42
		STEP E	23.6656	35.4984	2,650.54	5,742.85	68,914.22
		STEP F	24.2573	36.3859	2,716.81	5,886.43	70,637.25
		STEP G	24.8637	37.2955	2,784.73	6,033.59	72,403.09
		STEP H	25.4853	38.2279	2,854.35	6,184.43	74,213.19
		STEP I	26.1224	39.1836	2,925.70	6,339.03	76,068.42
		STEP J	26.7755	40.1632	2,998.85	6,497.52	77,970.25

ORDINANCE NO. 6092

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6043, THE SALARY ORDINANCE FOR SEASONAL/TEMPORARY
EMPLOYEES, AS AMENDED BY APPENDIX "I" TO BE EFFECTIVE
MAY 11, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6043, the Salary Ordinance for Seasonal/Temporary Employees, is hereby amended as shown on Appendix "I" attached hereto.

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Salary Range</u>
9552	Swim Instructor Aide	1500
9553	Swim Instructor I	1600
9554	Swim Instructor II	1700

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective May 11, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect May 11, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

ATTEST:

MAYOR

City Clerk

CITY OF ROSEVILLE
SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
CI30	ACTIVITY INSTRUCTOR		
		NR % OF FEE	0.0000
3745	AQUA FITNESS INSTRUCTOR I		
		STEP A	35.0000
3747	AQUA FITNESS INSTRUCTOR II		
		STEP A	50.0000
9500	AQUATICS SPECIALIST I		
		STEP A	12.1598
		STEP B	12.4601
		STEP C	12.7678
		STEP D	13.0831
		STEP E	13.4062
		STEP F	13.7373
		STEP G	14.0765
		STEP H	14.4242
		STEP I	14.7804

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9501	AQUATICS SPECIALIST II		
		STEP A	13.3649
		STEP B	13.6950
		STEP C	14.0332
		STEP D	14.3797
		STEP E	14.7348
		STEP F	15.0987
		STEP G	15.4716
		STEP H	15.8537
		STEP I	16.2452
9502	AQUATICS SPECIALIST III		
		STEP A	14.7014
		STEP B	15.0645
		STEP C	15.4365
		STEP D	15.8177
		STEP E	16.2083
		STEP F	16.6086
		STEP G	17.0187
		STEP H	17.4390
		STEP I	17.8697
9503	ASSISTANT POOL MANAGER		
		STEP A	14.7014
		STEP B	15.0645
		STEP C	15.4365
		STEP D	15.8177
		STEP E	16.2083
		STEP F	16.6086
		STEP G	17.0187
		STEP H	17.4390
		STEP I	17.8697
9504	ASSISTANT RANGEMASTER		
		STEP A	19.4863
		STEP B	19.9676
		STEP C	20.4607
		STEP D	20.9660
		STEP E	21.4837
		STEP F	22.0143
		STEP G	22.5579
		STEP H	23.1150
		STEP I	23.6858

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9505	BUILDING INSPECTION ASSISTANT		
		STEP A	12.1507
		STEP B	12.4508
		STEP C	12.7583
		STEP D	13.0733
		STEP E	13.3962
		STEP F	13.7270
		STEP G	14.0660
		STEP H	14.4134
		STEP I	14.7693
9506	CHILD CARE PROGRAM ASSISTANT		
		STEP A	15.9719
		STEP B	16.3663
		STEP C	16.7705
		STEP D	17.1847
		STEP E	17.6090
		STEP F	18.0439
		STEP G	18.4895
		STEP H	18.9461
		STEP I	19.4140
CI10	CLASS INSTRUCTOR		
		NR % OF FEE	0.0000
1230	COLLEGE INTERN		
		STEP A	12.0206
		STEP B	12.6216
		STEP C	13.2527
		STEP D	13.9154
		STEP E	14.6111
		STEP F	15.3417
		STEP G	16.1088
		STEP H	16.9142
		STEP I	17.7599
		STEP J	18.6479
		STEP K	19.5803
		STEP L	20.5593
		STEP M	21.5873
		STEP N	22.6667
		STEP O	23.8000

CITY OF ROSEVILLE
SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
1270	COUNCIL MEMBER		
		STEP A	0.0000
9507	DAY CARE AIDE		
		STEP A	12.0000
		STEP B	12.2964
		STEP C	12.6000
		STEP D	12.9112
		STEP E	13.2300
		STEP F	13.5567
		STEP G	13.8915
		STEP H	14.2346
		STEP I	14.5861
9508	DAY CARE TEACHER		
		STEP A	13.1999
		STEP B	13.5259
		STEP C	13.8599
		STEP D	14.2022
		STEP E	14.5529
		STEP F	14.9123
		STEP G	15.2806
		STEP H	15.6579
		STEP I	16.0446
9509	ENGINEERING AIDE		
		STEP A	15.5000
		STEP B	15.8827
		STEP C	16.2750
		STEP D	16.6769
		STEP E	17.0887
		STEP F	17.5107
		STEP G	17.9431
		STEP H	18.3862
		STEP I	18.8403

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9510	FIRE EQUIPMENT SPECIALIST		
		STEP A	16.5421
		STEP B	16.8851
		STEP C	17.3072
		STEP D	17.7399
		STEP E	18.1834
		STEP F	18.6380
		STEP G	19.1039
		STEP H	19.5815
		STEP I	20.0711
		STEP J	20.5729
		STEP K	21.0872
		STEP L	21.6144
		STEP M	22.1547
		STEP N	22.7086
		STEP O	23.2763
9511	FIRE LOGISTICS WORKER		
		STEP A	16.5421
		STEP B	16.8851
		STEP C	17.3072
		STEP D	17.7399
		STEP E	18.1834
		STEP F	18.6380
		STEP G	19.1039
		STEP H	19.5815
		STEP I	20.0711
		STEP J	20.5729
		STEP K	21.0872
		STEP L	21.6144
		STEP M	22.1547
		STEP N	22.7086
		STEP O	23.2763
9512	FIRE PUBLIC EDUCATION COORDNTR		
		STEP A	20.5700
		STEP B	21.3636
		STEP C	21.8977
		STEP D	22.4452
		STEP E	23.0063
		STEP F	23.5815
		STEP G	24.1710
		STEP H	24.7753
		STEP I	25.3946
		STEP J	26.0295
		STEP K	26.6802
		STEP L	27.3473
		STEP M	28.0309
		STEP N	28.7317
		STEP O	29.4500
CI20	FITNESS INSTRUCTOR-FEE		
		NR % OF FEE	0.0000

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
3735	FITNESS INSTRUCTOR-HOURLY		
		STEP A	25.0000
		STEP B	26.0000
		STEP C	27.0000
		STEP D	28.0000
		STEP E	29.0000
		STEP F	30.0000
3750	FITNESS MEETING RATE		
		STEP A	15.0000
9513	INTERPRETIVE SERVS PROG ASST		
		STEP A	13.1999
		STEP B	13.5259
		STEP C	13.8599
		STEP D	14.2022
		STEP E	14.5529
		STEP F	14.9123
		STEP G	15.2806
		STEP H	15.6579
		STEP I	16.0446
9514	INTERPRETIVE SERVS PROG LEADER		
		STEP A	16.9802
		STEP B	17.3995
		STEP C	17.8292
		STEP D	18.2695
		STEP E	18.7207
		STEP F	19.1830
		STEP G	19.6567
		STEP H	20.1421
		STEP I	20.6396

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9515	LIBRARY PAGE		
		STEP A	12.1000
		STEP B	12.3988
		STEP C	12.7050
		STEP D	13.0187
		STEP E	13.3402
		STEP F	13.6697
		STEP G	14.0073
		STEP H	14.3532
		STEP I	14.7076
9517	LINE TECHNICIAN HELPER		
		STEP A	14.4503
		STEP B	14.8072
		STEP C	15.1729
		STEP D	15.5476
		STEP E	15.9315
		STEP F	16.3249
		STEP G	16.7281
		STEP H	17.1412
		STEP I	17.5645
9518	MAINTENANCE ASSISTANT		
		STEP A	15.5582
		STEP B	15.9424
		STEP C	16.3361
		STEP D	16.7395
		STEP E	17.1529
		STEP F	17.5765
		STEP G	18.0106
		STEP H	18.4553
		STEP I	18.9111
		STEP J	19.3781
		STEP K	19.8567
		STEP L	20.3470
		STEP M	20.8495
		STEP N	21.3644
		STEP O	21.8920
9519	MARKETING TECHNICIAN		
		STEP A	17.8116
		STEP B	18.2514
		STEP C	18.7021
		STEP D	19.1640
		STEP E	19.6372
		STEP F	20.1222
		STEP G	20.6191
		STEP H	21.1283
		STEP I	21.6501
		STEP J	22.1847
		STEP K	22.7326
		STEP L	23.2940
		STEP M	23.8692
		STEP N	24.4587
		STEP O	25.0627

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9520	PARKS & FACILITY MAINT WKR I		
		STEP A	12.9999
		STEP B	13.3210
		STEP C	13.6499
		STEP D	13.9870
		STEP E	14.3324
		STEP F	14.6864
		STEP G	15.0490
		STEP H	15.4207
		STEP I	15.8015
9521	PARKS & FACILITY MAINT WKR II		
		STEP A	14.5599
		STEP B	14.9195
		STEP C	15.2879
		STEP D	15.6655
		STEP E	16.0523
		STEP F	16.4487
		STEP G	16.8549
		STEP H	17.2712
		STEP I	17.6977
9522	PARKS & FACILITY MAINT WKR III		
		STEP A	17.2752
		STEP B	17.7018
		STEP C	18.1390
		STEP D	18.5869
		STEP E	19.0459
		STEP F	19.5162
		STEP G	19.9982
		STEP H	20.4921
		STEP I	20.9981
9523	PARKS & OPEN SPACE EQUIP OPER		
		STEP A	17.2752
		STEP B	17.7018
		STEP C	18.1390
		STEP D	18.5869
		STEP E	19.0459
		STEP F	19.5162
		STEP G	19.9982
		STEP H	20.4921
		STEP I	20.9981

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
3749	PERSONAL TRAINER		
		STEP A	30.0000
9524	POLICE BACKROUND INVESTIGATOR		
		STEP A	23.4105
		STEP B	23.9886
		STEP C	24.5810
		STEP D	25.1880
		STEP E	25.8101
		STEP F	26.4474
		STEP G	27.1006
		STEP H	27.7698
		STEP I	28.4556
9525	POLICE CADET		
		STEP A	12.0115
		STEP B	12.3081
		STEP C	12.6120
		STEP D	12.9235
		STEP E	13.2426
		STEP F	13.5697
		STEP G	13.9048
		STEP H	14.2481
		STEP I	14.6000
9526	POLICE RESERVE OFFICER I		
		STEP A	15.3298
		STEP B	15.7084
		STEP C	16.0963
		STEP D	16.4938
		STEP E	16.9011
		STEP F	17.3185
		STEP G	17.7462
		STEP H	18.1844
		STEP I	18.6335

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9527	POOL MANAGER		
		STEP A	16.1716
		STEP B	16.5710
		STEP C	16.9802
		STEP D	17.3995
		STEP E	17.8292
		STEP F	18.2695
		STEP G	18.7207
		STEP H	19.1830
		STEP I	19.6567
9528	PRESCHOOL TEACHER		
		STEP A	15.9719
		STEP B	16.3663
		STEP C	16.7705
		STEP D	17.1847
		STEP E	17.6090
		STEP F	18.0439
		STEP G	18.4895
		STEP H	18.9461
		STEP I	19.4140
6110	RECREATION AIDE		
		STEP A	10.2000
		STEP B	12.0000
9529	RECREATION CASHIER I		
		STEP A	11.9999
		STEP B	12.2963
		STEP C	12.5999
		STEP D	12.9111
		STEP E	13.2299
		STEP F	13.5566
		STEP G	13.8914
		STEP H	14.2345
		STEP I	14.5860

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9530	RECREATION CASHIER II		
		STEP A	13.1999
		STEP B	13.5259
		STEP C	13.8599
		STEP D	14.2022
		STEP E	14.5529
		STEP F	14.9123
		STEP G	15.2806
		STEP H	15.6579
		STEP I	16.0446
9531	RECREATION FACILITY MANAGER		
		STEP A	16.1716
		STEP B	16.5710
		STEP C	16.9802
		STEP D	17.3995
		STEP E	17.8292
		STEP F	18.2695
		STEP G	18.7207
		STEP H	19.1830
		STEP I	19.6567
9532	RECREATION PROGRAM LEADER		
		STEP A	16.9802
		STEP B	17.3995
		STEP C	17.8292
		STEP D	18.2695
		STEP E	18.7207
		STEP F	19.1830
		STEP G	19.6567
		STEP H	20.1421
		STEP I	20.6396
9533	RECREATION SPECIALIST I		
		STEP A	11.9999
		STEP B	12.2963
		STEP C	12.5999
		STEP D	12.9111
		STEP E	13.2299
		STEP F	13.5566
		STEP G	13.8914
		STEP H	14.2345
		STEP I	14.5860

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9534	RECREATION SPECIALIST II		
		STEP A	13.1999
		STEP B	13.5259
		STEP C	13.8599
		STEP D	14.2022
		STEP E	14.5529
		STEP F	14.9123
		STEP G	15.2806
		STEP H	15.6579
		STEP I	16.0446
9535	RECREATION SPECIALIST III		
		STEP A	14.5199
		STEP B	14.8785
		STEP C	15.2459
		STEP D	15.6224
		STEP E	16.0082
		STEP F	16.4035
		STEP G	16.8086
		STEP H	17.2237
		STEP I	17.6491
9536	SCHOOL CROSSING GUARD		
		STEP A	12.0115
		STEP B	12.3081
		STEP C	12.6120
		STEP D	12.9235
		STEP E	13.2426
		STEP F	13.5697
		STEP G	13.9048
		STEP H	14.2481
		STEP I	14.6000
7005	SOCCER OFFICIAL		
		STEP A	45.0000

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
7207	SPORTS OFFICIAL/SCORER I		
		STEP A	13.0000
7208	SPORTS OFFICIAL/SCORER II		
		STEP A	22.5000
9537	SR CROSSING GUARD		
		STEP A	13.2126
		STEP B	13.5389
		STEP C	13.8732
		STEP D	14.2158
		STEP E	14.5669
		STEP F	14.9266
		STEP G	15.2952
		STEP H	15.6730
		STEP I	16.0600
9538	SR DAY CARE TEACHER		
		STEP A	14.5199
		STEP B	14.8785
		STEP C	15.2459
		STEP D	15.6224
		STEP E	16.0082
		STEP F	16.4035
		STEP G	16.8086
		STEP H	17.2237
		STEP I	17.6491

CITY OF ROSEVILLE
SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
9552	SWIM INSTRUCTOR AIDE		
		STEP A	15.0000
9553	SWIM INSTRUCTOR I		
		STEP A	16.0000
9554	SWIM INSTRUCTOR II		
		STEP A	17.0000
9539	VIDEO TECHNICIAN		
		STEP A	20.5676
		STEP B	21.0755
		STEP C	21.5959
		STEP D	22.1293
		STEP E	22.6757
		STEP F	23.2357
		STEP G	23.8095
		STEP H	24.3975
		STEP I	25.0000

CITY OF ROSEVILLE

SALARY SCHEDULE

Appendix: I
Percentage:1.00

Effective Date: 05/11/2019

TEMP TEMPORARY

Job Code	Title	Step	Hourly
8941	VOCATIONAL INTERN		
		STEP A	12.0206
		STEP B	12.6216
		STEP C	13.2527
		STEP D	13.9154
		STEP E	14.6111
		STEP F	15.3417
		STEP G	16.1088
		STEP H	16.9142
		STEP I	17.7599
		STEP J	18.6479
		STEP K	19.5803
		STEP L	20.5593
		STEP M	21.5873
		STEP N	22.6667
		STEP O	23.8000
9540	WATER CONSERVATION HELPER		
		STEP A	12.0115
		STEP B	12.3081
		STEP C	12.6120
		STEP D	12.9235
		STEP E	13.2426
		STEP F	13.5697
		STEP G	13.9048
		STEP H	14.2481
		STEP I	14.6000

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
Department: 20 CITY ATTORNEY				
Div/Loc: 02000 - CITY ATTORNEY				
020000245	ASSISTANT CITY ATTORNEY	1.000	1.000	
020001200	CITY ATTORNEY	1.000	1.000	
020001658	DEPUTY CITY ATTORNEY II	3.000	3.000	
020004096	LEGAL CLERK II (C)	2.000	0.000	2.000
020005015	PARALEGAL (C)	1.000	1.000	
020007123	SR DEPUTY CITY ATTORNEY	1.000	1.000	
02000B104	LEGAL CLERK I (C)	0.000	1.000	(1.000)
02000B105	LEGAL CLERK II (C)	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 02000 - CITY ATTORNEY:		9.000	9.000	
TOTAL FOR DEPARTMENT 20 - CITY ATTORNEY:		9.000	9.000	
Department: 30 CITY MANAGER				
Div/Loc: 01500 - CITY MANAGER - ADMINISTRATION				
015000325	ASSISTANT CITY MANAGER	2.000	2.000	
015001240	CITY MANAGER	1.000	1.000	
015002540	ENVIRONMENTAL COORDINATOR	1.000	0.000	1.000
015002551	EXECUTIVE ASSISTANT	1.000	2.000	(1.000)
015004457	MANAGEMENT ASSISTANT II	1.000	0.000	1.000
TOTAL FOR LOC/DIV 01500 - CITY MANAGER - ADMINISTRATION:		6.000	5.000	1.000
Div/Loc: 01520 - PUBLIC AFFAIRS & COMMUNICATION				
015205610	PUBLIC AFFAIRS-COMMUNIC DIRECT	1.000	1.000	
015205565	PUBLIC INFORMATION OFFICER	1.000	1.000	
015205615	PUB AFFAIRS&COMMUNICATN ADMNST	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 01520 - PUBLIC AFFAIRS & COMMUNICATION:		2.000	3.000	(1.000)
TOTAL FOR DEPARTMENT 30 - CITY MANAGER:		8.000	8.000	
Department: 31 ECONOMIC DEVELOPMENT				
Div/Loc: 08110 - HOUSING ADMIN				
081100050	ADMIN ANALYST II	1.000	1.000	
081103402	HOUSING ANALYST II	3.000	2.000	1.000
081103589	HOUSING MANAGER	1.000	0.000	1.000
081103592	HOUSING TECHNICIAN II	3.000	2.000	1.000
081104957	OFFICE ASSISTANT II	1.000	0.000	1.000
081107148	SR HOUSING TECHNICIAN	1.000	1.000	
08110B456	HOUSING ANALYST I	0.000	1.000	(1.000)
08110B458	HOUSING TECHNICIAN I	0.000	1.000	(1.000)
08110B489	OFFICE ASSISTANT I	0.000	1.000	(1.000)
08110B844	HOUSING MANAGER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08110 - HOUSING ADMIN:		10.000	10.000	
Div/Loc: 08123 - ECONOMIC DEVELOPMENT				
081231675	DEVELOPMENT ANALYST II	1.000	0.000	1.000
081231710	ECONOMIC DEVELOPMENT DIRECTOR	1.000	1.000	
081231711	ECONOMIC DEVLPMNT SUPERVISOR	1.000	1.000	
081232551	EXECUTIVE ASSISTANT	1.000	0.000	1.000

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Report: HR_ALLOC_STAFF_DEPT_LOC_ROSEV - HR: Allocation by Department, DivLoc - No Names

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
TOTAL FOR LOC/DIV 08123 - ECONOMIC DEVELOPMENT:		4.000	2.000	2.000
TOTAL FOR DEPARTMENT 31 - ECONOMIC DEVELOPMENT:		14.000	12.000	2.000
Department: 41 FINANCE				
Div/Loc: 03311 - PURCHASING				
033110084	ADMIN TECHNICIAN	1.000	1.000	
033111060	BUYER II	3.000	1.000	2.000
033115652	PURCHASING & WAREHOUSE MANAGER	1.000	1.000	
033117139	SENIOR BUYER	1.000	1.000	
03311B416	BUYER I	0.000	1.000	(1.000)
03311B417	BUYER II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03311 - PURCHASING:		6.000	6.000	
Div/Loc: 03312 - CENTRAL STORES				
033121450	COURIER	1.000	1.000	
033127203	SR WAREHOUSE WORKER	1.000	1.000	
033128952	WAREHOUSE WORKER II	1.000	1.000	
TOTAL FOR LOC/DIV 03312 - CENTRAL STORES:		3.000	3.000	
Div/Loc: 05000 - FINANCE ADMINISTRATION				
050000050	ADMIN ANALYST II	1.000	1.000	
050000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
050001245	CHIEF FINANCIAL OFFICER	1.000	0.000	1.000
050009550	ERP BUSINESS ANALYST II	1.000	0.000	1.000
050006520	ERP MANAGER	1.000	0.000	1.000
05000B723	CHIEF FINANCIAL OFFICER	0.000	1.000	(1.000)
05000B851	ERP MANAGER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05000 - FINANCE ADMINISTRATION:		5.000	4.000	1.000
Div/Loc: 05010 - BUDGET				
050100915	BUDGET ANALYST II	2.750	0.750	2.000
050100930	BUDGET MANAGER	1.000	0.000	1.000
05010B719	BUDGET ANALYST II	0.000	2.000	(2.000)
05010B720	BUDGET MANAGER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05010 - BUDGET:		3.750	3.750	
Div/Loc: 05011 - PAYROLL				
050119550	ERP BUSINESS ANALYST II	1.000	0.000	1.000
050112900	FINANCE MANAGER	1.000	1.000	
050115103	PAYROLL CLERK II (C)	1.600	0.600	1.000
050119428	PAYROLL SUPERVISOR	1.000	1.000	
050115101	PAYROLL TECHNICIAN II	2.000	0.000	2.000
05011B112	PAYROLL CLERK II (C)	0.000	2.000	(2.000)
05011B114	PAYROLL TECHNICIAN II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05011 - PAYROLL:		6.600	5.600	1.000
Div/Loc: 05012 - ACCOUNTS PAYABLE				
050129427	ACCOUNTS PAYABLE SUPERVISOR	1.000	1.000	
050123335	FINANCE CLERK II	3.000	2.000	1.000
050124957	OFFICE ASSISTANT II	0.625	0.625	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
05012B446	FINANCE CLERK II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05012 - ACCOUNTS PAYABLE:		4.625	4.625	
Div/Loc: 05030 - CASH MANAGEMENT				
050303335	FINANCE CLERK II	0.500	0.000	.500
050303326	FINANCE TECHNICIAN II	1.000	0.000	1.000
050303318	FINANCIAL ANALYST II	1.000	1.000	
TOTAL FOR LOC/DIV 05030 - CASH MANAGEMENT:		2.500	1.000	1.500
Div/Loc: 05040 - UTIL BILLING & SERV - ADMIN				
050400920	BILLING SERVICES MANAGER	1.000	1.000	
050403326	FINANCE TECHNICIAN II	1.000	0.000	1.000
050407147	SR FINANCE TECHNICIAN	1.000	1.000	
050403314	FIN UTLY BIL ANLYST I	0.000	1.000	(1.000)
050403315	FIN UTL BIL ANLYST II	0.000	1.000	(1.000)
050403318	FINANCIAL ANALYST II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05040 - UTIL BILLING & SERV - ADMIN:		3.000	5.000	(2.000)
Div/Loc: 05041 - UTIL BILLING & SRV-FIELD SRV				
050414540	METER READER	3.000	1.500	1.500
050414534	METER SERVICE WORKER	1.000	1.000	
050417200	SR METER SERVICE WORKER	1.000	1.000	
050413310	FINANCE SUPERVISOR	0.000	1.000	(1.000)
05041B484	METER READER	0.000	0.750	(.750)
TOTAL FOR LOC/DIV 05041 - UTIL BILLING & SRV-FIELD SRV:		5.000	5.250	(.250)
Div/Loc: 05042 - UTIL BILLING & SRV - BILLING				
050423315	FIN UTL BIL ANLYST II	3.000	0.000	3.000
050423310	FINANCE SUPERVISOR	1.000	0.000	1.000
050423326	FINANCE TECHNICIAN II	3.000	2.000	1.000
050427147	SR FINANCE TECHNICIAN	1.000	1.000	
05042B448	FINANCE TECHNICIAN II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05042 - UTIL BILLING & SRV - BILLING:		8.000	4.000	4.000
Div/Loc: 05043 - UTIL BILLING & SRV-SERVICES				
050433335	FINANCE CLERK II	13.750	7.250	6.500
050433310	FINANCE SUPERVISOR	1.000	1.000	
050433326	FINANCE TECHNICIAN II	1.000	1.000	
05043B445	FINANCE CLERK I	0.000	1.000	(1.000)
05043B446	FINANCE CLERK II	0.000	4.500	(4.500)
TOTAL FOR LOC/DIV 05043 - UTIL BILLING & SRV-SERVICES:		15.750	14.750	1.000
Div/Loc: 05050 - GEN ACCT - ADMINISTRATION				
050500040	ACCOUNTANT II	2.000	1.000	1.000
050500043	ACCOUNTING SUPERVISOR	1.000	0.000	1.000
050501370	CONTROLLER	1.000	1.000	
050509550	ERP BUSINESS ANALYST II	1.000	0.000	1.000
050503318	FINANCIAL ANALYST II	2.000	1.000	1.000
05050B401	ACCOUNTANT II	0.000	1.000	(1.000)
05050B448	FINANCE TECHNICIAN II	0.000	1.000	(1.000)
05050B450	FINANCIAL ANALYST II	0.000	1.000	(1.000)
05050B701	ACCOUNTING SUPERVISOR	0.000	1.000	(1.000)

**Position Allocation/Staffing Report
by Department and Location ("Division")**

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
TOTAL FOR LOC/DIV 05050 - GEN ACCT - ADMINISTRATION:		7.000	7.000	
TOTAL FOR DEPARTMENT 41 - FINANCE:		70.225	63.975	6.250

Department: 42 HUMAN RESOURCES

Div/Loc: 03100 - HUMAN RESOURCES

031000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
031000484	ASST HUMAN RESOURCES DIRECTOR	1.000	0.000	1.000
031003594	HUMAN RESOURCES ANALYST I	0.000	1.000	(1.000)
031003596	HUMAN RESOURCES ANALYST II	2.000	1.000	1.000
031003598	HUMAN RESOURCES DIRECTOR	1.000	0.000	1.000
031003599	HUMAN RESOURCES MANAGER	1.000	1.000	
031005235	HUMAN RESOURCES TECH (C)	5.000	2.000	3.000
031007178	SR HUMAN RESOURCES TECH (C)	1.000	1.000	
03100B102	HUMAN RESOURCES TECH (C)	0.000	3.000	(3.000)
03100B775	HUMAN RESOURCES DIRECTOR	0.000	1.000	(1.000)
03100B845	ASST HUMAN RESOURCES DIRECTOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03100 - HUMAN RESOURCES:		12.000	12.000	

Div/Loc: 03110 - RISK MGMT - ADMINISTRATION

031105235	HUMAN RESOURCES TECH (C)	1.000	0.000	1.000
031106450	RISK MANAGER	1.000	1.000	
031107178	SR HUMAN RESOURCES TECH (C)	1.000	1.000	
03110B102	HUMAN RESOURCES TECH (C)	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03110 - RISK MGMT - ADMINISTRATION:		3.000	3.000	

TOTAL FOR DEPARTMENT 42 - HUMAN RESOURCES: 15.000 15.000

Department: 43 INFORMATION TECHNOLOGY

Div/Loc: 03130 - IT-STRATEGIC PLAN/DIGITAL COM

031301362	BUSINESS SYSTEMS ANALYST II	2.000	0.000	2.000
031301180	CHIEF INFORMATION OFFICER	1.000	1.000	
031303625	INFO SECURITY ADMINISTRATOR	1.000	1.000	
031303616	IT PLANNING & POLICY TECH	1.000	0.000	1.000
031303602	IT PROGRAM MANAGER	1.000	1.000	
031307130	SR BUSINESS SYSTEMS ANALYST	1.000	1.000	
031303794	IT ANALYST II	0.000	1.000	(1.000)
03130B414	BUSINESS SYSTEMS ANALYST I	0.000	1.000	(1.000)
03130B469	IT PLANNING & POLICY TECH	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03130 - IT-STRATEGIC PLAN/DIGITAL COM:		7.000	7.000	

Div/Loc: 03131 - IT-DATABASE AND CLOUD

031311362	BUSINESS SYSTEMS ANALYST II	1.000	0.000	1.000
031311552	DATABASE ANALYST II	3.000	1.000	2.000
031313601	IT DIVISION MANAGER	2.000	2.000	
031317145	SR DATABASE ANALYST	1.000	1.000	
03131B431	DATABASE ANALYST II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03131 - IT-DATABASE AND CLOUD:		7.000	5.000	2.000

Div/Loc: 03132 - IT-NETWORK INFRASTRUCTURE

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Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
031323794	IT ANALYST II	7.000	5.000	2.000
031323602	IT PROGRAM MANAGER	1.000	1.000	
031327149	SR IT TECHNICIAN	1.000	1.000	
TOTAL FOR LOC/DIV 03132 - IT-NETWORK INFRASTRUCTURE:		9.000	7.000	2.000
Div/Loc: 03133 - IT-BUSINESS SOLUTIONS				
031331362	BUSINESS SYSTEMS ANALYST II	4.000	1.000	3.000
031333602	IT PROGRAM MANAGER	1.000	1.000	
031337130	SR BUSINESS SYSTEMS ANALYST	1.000	1.000	
03133B415	BUSINESS SYSTEMS ANALYST II	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 03133 - IT-BUSINESS SOLUTIONS:		6.000	5.000	1.000
Div/Loc: 03134 - IT-GIS ANALYTICS				
031343794	IT ANALYST II	2.000	2.000	
031343602	IT PROGRAM MANAGER	1.000	1.000	
031347130	SR BUSINESS SYSTEMS ANALYST	1.000	1.000	
TOTAL FOR LOC/DIV 03134 - IT-GIS ANALYTICS:		4.000	4.000	
Div/Loc: 03135 - IT-CLIENT SERVICES				
031359542	IT CLIENT SERVICES SUPERVISOR	1.000	0.000	1.000
031353618	IT TECHNICIAN II	3.000	0.000	3.000
031357149	SR IT TECHNICIAN	2.000	1.000	1.000
03135B470	IT TECHNICIAN I	0.000	1.000	(1.000)
03135B471	IT TECHNICIAN II	0.000	1.000	(1.000)
03135B828	SR IT ANALYST	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03135 - IT-CLIENT SERVICES:		6.000	4.000	2.000
Div/Loc: 03136 - IT-ENTERPRISE SOLUTIONS				
031361362	BUSINESS SYSTEMS ANALYST II	5.000	1.000	4.000
031363602	IT PROGRAM MANAGER	1.000	1.000	
031367130	SR BUSINESS SYSTEMS ANALYST	1.000	1.000	
03136B414	BUSINESS SYSTEMS ANALYST I	0.000	2.000	(2.000)
03136B415	BUSINESS SYSTEMS ANALYST II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03136 - IT-ENTERPRISE SOLUTIONS:		7.000	6.000	1.000
TOTAL FOR DEPARTMENT 43 - INFORMATION TECHNOLOGY:		46.000	38.000	8.000
Department: 44 CITY CLERK				
Div/Loc: 03200 - CITY CLERK - ADMINISTRATION				
032000250	ASST CITY CLERK	1.000	1.000	
032001220	CITY CLERK	1.000	1.000	
032001227	CITY CLERK TECHNICIAN II	3.000	2.000	1.000
032001665	DEPUTY CITY CLERK II	2.500	1.000	1.500
032009548	PASSPORT/LIVESCAN AGENT	3.000	0.000	3.000
03200B432	DEPUTY CITY CLERK I	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 03200 - CITY CLERK - ADMINISTRATION:		10.500	7.000	3.500
TOTAL FOR DEPARTMENT 44 - CITY CLERK:		10.500	7.000	3.500
TOTAL FOR DEPARTMENT 45 - CENTRAL SERVICES:		0.000	0.000	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
Department: 50 POLICE				
Div/Loc: 05500 - POLICE - ADMINISTRATION				
055000050	ADMIN ANALYST II	1.000	1.000	
055000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
055005400	POLICE CAPTAIN	3.000	3.000	
055005410	POLICE CHIEF	1.000	1.000	
055005420	POLICE LIEUTENANT	1.000	1.000	
055005430	POLICE OFFICER	1.000	1.000	
055005440	POLICE RECORDS CLERK II	1.000	1.000	
055005470	POLICE SERGEANT	1.000	1.000	
05500B938	POLICE OFFICER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05500 - POLICE - ADMINISTRATION:		10.000	11.000	(1.000)
Div/Loc: 05511 - RECORDS-PROPERTY				
055115434	POLICE PROP & EVIDENCE CLRK II	3.000	1.000	2.000
055115429	POLICE PROPERTY & EVIDENCE SUP	1.000	1.000	
055115440	POLICE RECORDS CLERK II	9.000	6.000	3.000
055115494	POLICE SCENE TECHNICIAN II	4.000	2.000	2.000
055115489	POLICE SERVICES ADMINISTRATOR	1.000	1.000	
055115748	RECORDS SUPERVISOR	1.000	1.000	
05511B926	POLICE PROP & EVIDENCE CLRK I	0.000	2.000	(2.000)
05511B929	POLICE RECORDS CLERK I	0.000	1.000	(1.000)
05511B931	POLICE SCENE TECHNICIAN I	0.000	1.000	(1.000)
05511B932	POLICE SCENE TECHNICIAN II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05511 - RECORDS-PROPERTY:		19.000	17.000	2.000
Div/Loc: 05513 - POLICE COMMUNICATIONS				
055131430	COMMUNICATIONS SUPERVISOR	3.000	2.000	1.000
055131700	DISPATCHER II	20.000	14.000	6.000
055135489	POLICE SERVICES ADMINISTRATOR	1.000	1.000	
05513B923	DISPATCHER I	0.000	1.000	(1.000)
05513B924	DISPATCHER II	0.000	3.000	(3.000)
TOTAL FOR LOC/DIV 05513 - POLICE COMMUNICATIONS:		24.000	21.000	3.000
Div/Loc: 05514 - COMMUNITY SERVICES				
055141645	DEPT PUBLIC INFO OFFICER	1.000	1.000	
055145430	POLICE OFFICER	7.000	5.000	2.000
055145470	POLICE SERGEANT	1.000	1.000	
055145654	PUB SAFETY OUTREACH & COMM REL	1.000	0.000	1.000
055145657	PUBLIC SAFETY PROGRAM COORD	1.000	1.000	
TOTAL FOR LOC/DIV 05514 - COMMUNITY SERVICES:		11.000	8.000	3.000
Div/Loc: 05515 - SOCIAL SERVICES UNIT				
055155430	POLICE OFFICER	6.000	6.000	
055155470	POLICE SERGEANT	1.000	1.000	
055155485	POLICE SOCIAL SVCS ADMINSTR	1.000	1.000	
TOTAL FOR LOC/DIV 05515 - SOCIAL SERVICES UNIT:		8.000	8.000	
Div/Loc: 05531 - PATROL				
055311379	COMMUNITY SVCS OFFICER I	0.000	1.000	(1.000)
055311380	COMMUNITY SVCS OFFICER II	6.000	1.000	5.000

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
055315420	POLICE LIEUTENANT	4.000	4.000	
055315430	POLICE OFFICER	73.000	45.000	28.000
055315470	POLICE SERGEANT	10.000	9.000	1.000
055315710	RANGEMASTER	1.000	1.000	
05531B917	COMMUNITY SVCS OFFICER I	0.000	2.000	(2.000)
05531B918	COMMUNITY SVCS OFFICER II	0.000	1.000	(1.000)
05531B925	POLICE OFFICER TRAINEE	0.000	3.000	(3.000)
05531B938	POLICE OFFICER	0.000	25.000	(25.000)
TOTAL FOR LOC/DIV 05531 - PATROL:		94.000	92.000	2.000
Div/Loc: 05532 - INVESTIGATIONS				
055321380	COMMUNITY SVCS OFFICER II	2.000	2.000	
055321475	CRIME ANALYST	2.000	2.000	
055325420	POLICE LIEUTENANT	1.000	1.000	
055325430	POLICE OFFICER	12.000	10.000	2.000
055325440	POLICE RECORDS CLERK II	1.000	0.000	1.000
055325470	POLICE SERGEANT	1.000	2.000	(1.000)
05532B930	POLICE RECORDS CLERK II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05532 - INVESTIGATIONS:		19.000	18.000	1.000
Div/Loc: 05533 - ANIMAL CONTROL				
055330100	ANIMAL CONTROL OFFICER	2.000	1.000	1.000
055330110	ANIMAL CONTROL SUPERVISOR	1.000	1.000	
05533B914	ANIMAL CONTROL OFFICER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 05533 - ANIMAL CONTROL:		3.000	3.000	
Div/Loc: 05535 - POLICE TRAFFIC				
055351380	COMMUNITY SVCS OFFICER II	2.000	2.000	
055355420	POLICE LIEUTENANT	1.000	1.000	
055355430	POLICE OFFICER	6.000	4.000	2.000
055355470	POLICE SERGEANT	1.000	1.000	
TOTAL FOR LOC/DIV 05535 - POLICE TRAFFIC:		10.000	8.000	2.000
TOTAL FOR DEPARTMENT 50 - POLICE:		198.000	186.000	12.000
Department: 60 FIRE				
Div/Loc: 06000 - FIRE - ADMINISTRATION				
060000050	ADMIN ANALYST II	1.000	1.000	
060000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
060003330	FIRE CHIEF	1.000	1.000	
TOTAL FOR LOC/DIV 06000 - FIRE - ADMINISTRATION:		3.000	3.000	
Div/Loc: 06011 - FIRE PREVENTION				
060110084	ADMINISTRATIVE TECHNICIAN	1.000	1.000	
060111645	DEPT PUBLIC INFO OFFICER	1.000	1.000	
060113377	FIRE & ENVIR SAFETY INSPEC II	3.000	1.000	2.000
060119551	FIRE & ENVIR SAFETY SUPV	1.000	0.000	1.000
060113332	FIRE DIVISION CHIEF	1.000	1.000	
060113382	FIRE INSPECTION SUPERVISOR	1.000	1.000	
060113385	FIRE INSPECTOR II	1.000	1.000	
060114957	OFFICE ASSISTANT II	1.000	0.000	1.000

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
06011B150	FIRE & ENVIR SAFETY INSPEC I	0.000	2.000	(2.000)
06011B490	OFFICE ASSISTANT II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 06011 - FIRE PREVENTION:		10.000	9.000	1.000
Div/Loc: 06021 - FIRE OPERATIONS				
060210480	ASST FIRE CHIEF	1.000	1.000	
060210905	FIRE BATTALION CHIEF	3.000	4.000	(1.000)
060213320	FIRE CAPTAIN	30.000	30.000	
060213340	FIRE ENGINEER	30.000	30.000	
060213355	FIREFIGHTER PARAMEDIC II	36.000	20.000	16.000
06021B157	FIREFIGHTER PARAMEDIC I	0.000	5.000	(5.000)
06021B158	FIREFIGHTER PARAMEDIC II	0.000	6.000	(6.000)
06021BF57	FIREFIGHTER PARAMEDIC I-8HR	0.000	4.000	(4.000)
06021BF58	FIREFIGHTER PARAMEDIC II-8HR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 06021 - FIRE OPERATIONS:		100.000	101.000	(1.000)
Div/Loc: 06022 - FIRE TRAINING				
060222415	EMS QUAL ASSURANCE COORDINATOR	1.000	0.000	1.000
060223391	FIRE BATTALION CHIEF (8HR)	1.000	1.000	
060223332	FIRE DIVISION CHIEF	1.000	1.000	
06022B755	EMS QUAL ASSURANCE COORDINATOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 06022 - FIRE TRAINING:		3.000	3.000	
Div/Loc: 06025 - FIRE LOGISTICS				
060250480	ASST FIRE CHIEF	1.000	1.000	
060253391	FIRE BATTALION CHIEF (8HR)	1.000	0.000	1.000
060253412	GIS ANALYST II	1.000	1.000	
TOTAL FOR LOC/DIV 06025 - FIRE LOGISTICS:		3.000	2.000	1.000
TOTAL FOR DEPARTMENT 60 - FIRE:		119.000	118.000	1.000
Department: 71 PARKS AND RECREATION				
Div/Loc: 08500 - PARKS & REC - ADMINISTRATION				
085000084	ADMIN TECHNICIAN	2.000	0.000	2.000
085000050	ADMINISTRATIVE ANALYST II	2.000	2.000	
085000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
085004517	MARKET & COMMUNICATIONS ANA II	1.000	1.000	
085005082	PARKS,REC & LIBRARIES DIRECTOR	1.000	0.000	1.000
085009547	PARKS,REC&LIB MANAGER	1.000	0.000	1.000
085005010	PARKS,REC & LIB BUS ADMINISTR	0.000	1.000	(1.000)
08500B402	ADMINISTRATIVE TECHNICIAN	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08500 - PARKS & REC - ADMINISTRATION:		8.000	6.000	2.000
Div/Loc: 08501 - PARK DEVELOPMENT				
085015022	PARK DEVELOPMENT ANALYST II	2.000	1.000	1.000
085015024	PARK PLANNING & DEV SUPERINTEN	1.000	1.000	
085011278	PARKS PROJECT TECHNICIAN	1.000	1.000	
08501B789	PARK DEVELOPMENT ANALYST II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08501 - PARK DEVELOPMENT:		4.000	4.000	
Div/Loc: 08505 - RECREATION STAFFING				

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
085054957	OFFICE ASSISTANT II	4.000	0.000	4.000
085059543	PARKS,REC&LIB COORDINATOR II	7.000	0.000	7.000
085059547	PARKS,REC&LIB MANAGER	1.000	0.000	1.000
085059546	PARKS,REC&LIB SUPT	4.000	0.000	4.000
085059544	RECREATION & LIBRARY SUPV	3.000	0.000	3.000
085056122	RECREATION COORDINATOR II	0.000	4.000	(4.000)
085056125	RECREATION MANAGER	0.000	1.000	(1.000)
085056145	RECREATION SUPERINTENDENT	0.000	3.000	(3.000)
085056147	RECREATION SUPERVISOR	0.000	1.000	(1.000)
08505B489	OFFICE ASSISTANT I	0.000	1.000	(1.000)
08505B490	OFFICE ASSISTANT II	0.000	2.000	(2.000)
08505B501	RECREATION COORDINATOR I	0.000	1.000	(1.000)
08505B502	RECREATION COORDINATOR II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08505 - RECREATION STAFFING:		19.000	14.000	5.000
Div/Loc: 08530 - AQUATICS				
085305080	PARKS MAINTENANCE WORKER II	1.000	1.000	
085308304	RECREATION LEADER	1.000	0.000	1.000
08530B552	RECREATION LEADER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08530 - AQUATICS:		2.000	2.000	
Div/Loc: 08541 - ADVENTURE CLUBS				
085410084	ADMIN TECHNICIAN	1.000	1.000	
085410376	ASSISTANT CHILD CARE SITE COOR	2.000	2.000	
085411225	CHILD CARE SITE COORDINATOR	6.000	6.000	
085414957	OFFICE ASSISTANT II	1.000	1.000	
085419544	RECREATION & LIBRARY SUPV	3.000	0.000	3.000
085411641	YOUTH DEV PROG COORD	5.000	5.000	
085416147	RECREATION SUPERVISOR	0.000	1.000	(1.000)
08541B418	CHILD CARE SITE COORDINATOR	0.000	1.000	(1.000)
08541B815	RECREATION SUPERVISOR	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08541 - ADVENTURE CLUBS:		18.000	19.000	(1.000)
Div/Loc: 08546 - CDE-CHILD DEVELOPMENT				
085461225	CHILD CARE SITE COORDINATOR	2.000	1.000	1.000
TOTAL FOR LOC/DIV 08546 - CDE-CHILD DEVELOPMENT:		2.000	1.000	1.000
Div/Loc: 08550 - PARK OPERATIONS - ADMIN				
085504957	OFFICE ASSISTANT II	1.000	1.000	
085505069	PARKS SUPERVISOR	3.000	3.000	
085505045	PARKS, REC, & LIBRARIES TECH	1.000	0.000	1.000
085509546	PARKS,REC&LIB SUPT	1.000	0.000	1.000
085505090	PARKS SUPERINTENDENT	0.000	1.000	(1.000)
08550B402	ADMINISTRATIVE TECHNICIAN	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08550 - PARK OPERATIONS - ADMIN:		6.000	6.000	
Div/Loc: 08551 - OPEN SPACE/TREE MAINTENANCE				
085518300	ARBORIST TECHNICIAN	1.000	0.000	1.000
085519545	NATURAL RESOURCE SPECIALIST II	1.000	0.000	1.000
085511504	TREE TRIMMER II	1.000	1.000	
085518762	URBAN FORESTER	1.000	1.000	
085514960	OPEN SPACE SUPERINTENDENT	0.000	1.000	(1.000)

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
08551B550	ARBORIST TECHNICIAN	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08551 - OPEN SPACE/TREE MAINTENANCE:		4.000	4.000	
Div/Loc: 08555 - PARKS - MAINTENANCE				
085558302	AQUATICS MAINTENANCE TECH	1.000	1.000	
085555075	IRRIGATION TECHNICIAN	1.000	1.000	
085555070	PARKS MAINTENANCE WORKER I	0.000	1.000	(1.000)
085555080	PARKS MAINTENANCE WORKER II	16.000	9.000	7.000
085551278	PARKS PROJECT TECHNICIAN	2.000	0.000	2.000
085557192	SR PARKS MAINTENANCE WORKER	9.000	8.000	1.000
08555B491	PARKS MAINTENANCE WORKER I	0.000	3.000	(3.000)
08555B492	PARKS MAINTENANCE WORKER II	0.000	3.000	(3.000)
08555B521	SR PARKS MAINTENANCE WORKER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08555 - PARKS - MAINTENANCE:		29.000	27.000	2.000
TOTAL FOR DEPARTMENT 71 - PARKS AND RECREATION:		92.000	83.000	9.000
Department: 72 LIBRARY				
Div/Loc: 06500 - LIBRARY - ADMIN/TECH SERVICES				
065000084	ADMINISTRATIVE TECHNICIAN	1.000	0.000	1.000
065004152	LIBRARIAN II	6.500	4.500	2.000
065004210	LIBRARY ASSISTANT II	4.000	2.000	2.000
065004250	LIBRARY TECHNICIAN	5.000	4.000	1.000
065004957	OFFICE ASSISTANT II	1.000	0.000	1.000
065009547	PARKS,REC&LIB MANAGER	1.000	0.000	1.000
065009544	RECREATION & LIBRARY SUPV	3.000	0.000	3.000
065001224	CITY LIBRARIAN	0.000	1.000	(1.000)
065004246	LIBRARY SUPERVISOR	0.000	2.000	(2.000)
06500B402	ADMINISTRATIVE TECHNICIAN	0.000	1.000	(1.000)
06500B478	LIBRARY ASSISTANT II	0.000	3.000	(3.000)
TOTAL FOR LOC/DIV 06500 - LIBRARY - ADMIN/TECH SERVICES:		21.500	17.500	4.000
Div/Loc: 08521 - MAIDU MUSEUM & HISTORIC SITE				
085213733	SR INTERPRETIVE SRVCS SPECIAL	1.000	0.000	1.000
08521B946	SR INTERPRETIVE SRVCS SPECIAL	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08521 - MAIDU MUSEUM & HISTORIC SITE:		1.000	1.000	
TOTAL FOR DEPARTMENT 72 - LIBRARY:		22.500	18.500	4.000
TOTAL FOR DEPARTMENT 80 - DEVELOPMENT AND OPERATIONS:		0.000	0.000	
TOTAL FOR DEPARTMENT 82 - PLANNING,REDEVELOPMENT,HOUSING:		0.000	0.000	
Department: 83 PUBLIC WORKS				
Div/Loc: 03321 - AUTOMOTIVE SERVICES				
033212565	EQUIPMENT MAINT. SUPERVISOR	1.000	1.000	
033212560	EQUIPMENT SERVICEWORKER	4.000	2.000	2.000
033213392	FLEET MANAGER	1.000	1.000	
033214501	MECHANIC II	8.000	6.000	2.000
033214957	OFFICE ASSISTANT II	1.000	1.000	

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Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
033217189	SR MECHANIC	2.000	2.000	
033218938	VEHICLE MAINT PARTS BUYER	1.000	0.000	1.000
033218940	VEHICLE MAINT SERVICEWRITER	1.000	1.000	
033218952	WAREHOUSE WORKER II	1.000	1.000	
033214500	MECHANIC I	0.000	1.000	(1.000)
03321B444	EQUIPMENT SERVICEWORKER	0.000	2.000	(2.000)
03321B483	MECHANIC II	0.000	1.000	(1.000)
03321B530	VEHICLE MAINT PARTS BUYER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03321 - AUTOMOTIVE SERVICES:		20.000	20.000	
Div/Loc: 03322 - AUTO REPLACEMENT				
033223319	FLEET MANAGEMENT TECHNICIAN	1.000	1.000	
TOTAL FOR LOC/DIV 03322 - AUTO REPLACEMENT:		1.000	1.000	
Div/Loc: 03340 - BUILDING MAINTENANCE				
033401032	BLDG MAINTENANCE WORKER II	5.000	3.000	2.000
033403395	FACILITIES MANAGER	1.000	1.000	
033404321	FACILITIES SUPERVISOR	1.000	1.000	
033404957	OFFICE ASSISTANT II	0.750	0.662	.087
033407119	SR BUILDING MAINTENANCE WORKER	1.000	1.000	
03340B411	BLDG MAINTENANCE WORKER II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 03340 - BUILDING MAINTENANCE:		8.750	7.662	1.087
Div/Loc: 03341 - CUSTODIAL SERVICES				
033411485	CUSTODIAN	5.000	3.000	2.000
03341B427	CUSTODIAN	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 03341 - CUSTODIAL SERVICES:		5.000	5.000	
Div/Loc: 03350 - FACILITY REHAB OPERATIONS				
033505560	PROJECT COORDINATOR	2.000	2.000	
TOTAL FOR LOC/DIV 03350 - FACILITY REHAB OPERATIONS:		2.000	2.000	
Div/Loc: 08300 - PUBLIC WORKS - ADMINISTRATION				
083000050	ADMIN ANALYST II	1.000	1.000	
083000071	ADMINISTRATIVE ASSISTANT (C)	2.000	1.000	1.000
083005635	PUBLIC WORKS DIRECTOR	1.000	1.000	
TOTAL FOR LOC/DIV 08300 - PUBLIC WORKS - ADMINISTRATION:		4.000	3.000	1.000
Div/Loc: 08320 - ENGINEERING				
083200084	ADMIN TECHNICIAN	1.000	0.000	1.000
083200820	ASSOC ENGINEER	2.000	2.000	
083200338	ASST ENGINEER	7.000	4.000	3.000
083205514	PRINCIPAL ENGINEER	1.000	0.000	1.000
083207142	SR ENGINEER	3.000	2.000	1.000
08320B406	ASST ENGINEER	0.000	2.000	(2.000)
08320B826	SR ENGINEER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08320 - ENGINEERING:		14.000	11.000	3.000
Div/Loc: 08321 - FLOOD ALERT				
083210338	ASST ENGINEER	1.000	0.000	1.000
TOTAL FOR LOC/DIV 08321 - FLOOD ALERT:		1.000	0.000	1.000

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
Div/Loc: 08335 - TRAFFIC SIGNALS				
083352385	ELECTRONICS TECHNICIAN II	4.000	2.000	2.000
083355519	PREVENTATIVE MAINT SUPERVISOR	1.000	1.000	
083357170	SR ELECTRONIC TECH	1.000	1.000	
083352376	TRAFFIC SIGNAL MAINT WKR II	2.000	2.000	
08335B215	ELECTRONICS TECHNICIAN I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08335 - TRAFFIC SIGNALS:		8.000	7.000	1.000
Div/Loc: 08340 - STREETS - ADMINISTRATION				
083400084	ADMINISTRATIVE TECHNICIAN	1.000	1.000	
083404957	OFFICE ASSISTANT II	1.000	1.000	
083407522	STREET MAINTENANCE SUPERVISOR	3.000	1.000	2.000
083407520	STREET MAINTENANCE SUPT	1.000	1.000	
08340B832	STREET MAINTENANCE SUPERVISOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08340 - STREETS - ADMINISTRATION:		6.000	5.000	1.000
Div/Loc: 08342 - STREET DRAINAGE				
083427187	SR STREET MAINTENANCE WORKER	1.000	0.000	1.000
083427530	STREET MAINTENANCE WORKER II	1.000	1.000	
08342B523	SR STREET MAINTENANCE WORKER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08342 - STREET DRAINAGE:		2.000	2.000	
Div/Loc: 08343 - PAVING				
083431350	ENGINEERING TECHNICIAN II	1.000	1.000	
083437187	SR STREET MAINTENANCE WORKER	2.000	2.000	
083437530	STREET MAINTENANCE WORKER II	11.000	4.000	7.000
08343B526	STREET MAINTENANCE WORKER I	0.000	3.000	(3.000)
08343B527	STREET MAINTENANCE WORKER II	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08343 - PAVING:		14.000	12.000	2.000
Div/Loc: 08344 - STREET SIGNS				
083447187	SR STREET MAINTENANCE WORKER	1.000	1.000	
083447530	STREET MAINTENANCE WORKER II	2.000	1.000	1.000
08344B526	STREET MAINTENANCE WORKER I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08344 - STREET SIGNS:		3.000	3.000	
Div/Loc: 08345 - STREET PAINT				
083457187	SR STREET MAINTENANCE WORKER	1.000	1.000	
083457530	STREET MAINTENANCE WORKER II	1.000	0.000	1.000
08345B526	STREET MAINTENANCE WORKER I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08345 - STREET PAINT:		2.000	2.000	
Div/Loc: 08348 - STREET SWEEPING				
083487187	SR STREET MAINTENANCE WORKER	1.000	1.000	
083487530	STREET MAINTENANCE WORKER II	2.000	0.000	2.000
083487540	STREET SWEEPER OPERATOR	4.000	4.000	
08348B526	STREET MAINTENANCE WORKER I	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08348 - STREET SWEEPING:		7.000	7.000	
Div/Loc: 08350 - TRANSPORTATION-ADMIN				
083500084	ADMIN TECHNICIAN	2.000	1.000	1.000
083500088	ALTERNATIVE TRANSP ANALYST II	1.000	1.000	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
083500090	ALTERNATIVE TRANSP MGR	1.000	1.000	
083503318	FINANCIAL ANALYST II	1.000	1.000	
083504957	OFFICE ASSISTANT II	1.750	1.000	.750
TOTAL FOR LOC/DIV 08350 - TRANSPORTATION-ADMIN:		6.750	5.000	1.750
Div/Loc: 08352 - TRANSPORTATION				
083520088	ALTERNATIVE TRANSP ANALYST II	1.750	1.000	.750
083520338	ASST ENGINEER	1.000	0.000	1.000
083524517	MARKET & COMMUNICATIONS ANA II	1.000	1.000	
083524957	OFFICE ASSISTANT II	1.000	1.000	
TOTAL FOR LOC/DIV 08352 - TRANSPORTATION:		4.750	3.000	1.750
Div/Loc: 08354 - CTSA				
083541401	COMMUNITY RELATIONS ANALYST	0.500	0.000	.500
08354B422	COMMUNITY RELATIONS ANALYST	0.000	0.500	(.500)
TOTAL FOR LOC/DIV 08354 - CTSA:		0.500	0.500	
TOTAL FOR DEPARTMENT 83 - PUBLIC WORKS:		109.750	96.162	13.587

Department: 84 ENVIRONMENTAL UTILITIES

Div/Loc: 08400 - ENV UTIL - ADMINISTRATION

084000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
084001548	DATA MANAGEMENT SPECIALIST II	1.000	0.000	1.000
084001645	DEPT PUBLIC INFO OFFICER	1.000	1.000	
084001684	ENVIRONMENTAL UTIL. DIRECTOR	1.000	1.000	
084002548	EU BUSINESS ADMINISTRATOR	1.000	1.000	
084002547	EU RATE ANALYST II	3.000	0.625	2.375
084003451	GOVERNMENT RELATIONS ADMISTRAT	1.000	1.000	
084004517	MARKETING & COMMUNIC ANLYST II	1.000	0.000	1.000
084006500	SAFETY COORDINATOR	1.000	0.000	1.000
08400B481	MARKETING & COMMUNIC ANLYST I	0.000	1.000	(1.000)
08400B848	EU RATE ANALYST I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08400 - ENV UTIL - ADMINISTRATION:		11.000	7.625	3.375

Div/Loc: 08405 - ENV UTIL-ENGINEERING

084050084	ADMINISTRATIVE TECHNICIAN	1.000	1.000	
084050411	ASSISTANT EU DIRECTOR	1.000	1.000	
084050338	ASST ENGINEER	2.000	1.000	1.000
084051548	DATA MANAGEMENT SPECIALIST II	1.000	0.000	1.000
084051672	DEVELOPMENT TECHNICIAN II	1.000	1.000	
084051350	ENGINEERING TECHNICIAN II	1.000	0.000	1.000
084053412	GIS ANALYST II	3.000	1.000	2.000
084054957	OFFICE ASSISTANT II	1.000	0.000	1.000
084055533	PREVENTATIVE MAINTENANCE COORD	1.000	1.000	
084055514	PRINCIPAL ENGINEER	1.000	1.000	
084056500	SAFETY COORDINATOR	1.000	1.000	
084057161	SENIOR GIS ANALYST	1.000	1.000	
084057142	SR ENGINEER	2.000	1.000	1.000
08405B406	ASST ENGINEER	0.000	1.000	(1.000)
08405B440	ENGINEERING TECHNICIAN I	0.000	1.000	(1.000)
08405B455	GIS ANALYST II	0.000	1.000	(1.000)

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Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
08405B490	OFFICE ASSISTANT II	0.000	1.000	(1.000)
08405B826	SR ENGINEER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08405 - ENV UTIL-ENGINEERING:		17.000	15.000	2.000
Div/Loc: 08410 - SOLID WASTE - ADMINISTRATION				
084103335	FINANCE CLERK II	2.000	0.000	2.000
084104957	OFFICE ASSISTANT II	1.000	0.000	1.000
084106244	REFUSE & STORMWATER MANAGER	1.000	1.000	
084106231	REFUSE SUPERINTENDENT	1.000	1.000	
084107324	SOLID WASTE BILLING TECHNICIAN	1.000	1.000	
084101279	SR SOLID WASTE BILLING TECH	1.000	1.000	
084103334	FINANCE CLERK I	0.000	1.000	(1.000)
08410B445	FINANCE CLERK I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08410 - SOLID WASTE - ADMINISTRATION:		7.000	6.000	1.000
Div/Loc: 08411 - RESIDENTIAL SOLID WASTE PICKUP				
084116235	REFUSE SUPERVISOR	1.000	1.000	
084116304	REFUSE TRUCK DRIVER II	12.000	10.000	2.000
084117129	SR REFUSE TRUCK DRIVER	2.000	2.000	
08411B505	REFUSE TRUCK DRIVER I	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08411 - RESIDENTIAL SOLID WASTE PICKUP:		15.000	15.000	
Div/Loc: 08412 - COMMERCIAL SOLID WASTE PICKUP				
084126235	REFUSE SUPERVISOR	1.000	1.000	
084126304	REFUSE TRUCK DRIVER II	15.000	7.000	8.000
084127129	SR REFUSE TRUCK DRIVER	2.000	2.000	
08412B505	REFUSE TRUCK DRIVER I	0.000	6.000	(6.000)
08412B506	REFUSE TRUCK DRIVER II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08412 - COMMERCIAL SOLID WASTE PICKUP:		18.000	17.000	1.000
Div/Loc: 08413 - SOLID WASTE MAINTENANCE				
084136226	REFUSE MAINT. WORKER II	4.000	2.000	2.000
084137129	SR REFUSE TRUCK DRIVER	1.000	1.000	
08413B503	REFUSE MAINT. WORKER I	0.000	1.000	(1.000)
08413B504	REFUSE MAINT. WORKER II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08413 - SOLID WASTE MAINTENANCE:		5.000	5.000	
Div/Loc: 08415 - RECYCLING				
084156304	REFUSE TRUCK DRIVER II	3.000	2.000	1.000
08415B506	REFUSE TRUCK DRIVER I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08415 - RECYCLING:		3.000	3.000	
Div/Loc: 08416 - GREEN WASTE PROGRAM				
084166304	REFUSE TRUCK DRIVER II	4.000	3.000	1.000
084167129	SR REFUSE TRUCK DRIVER	1.000	1.000	
TOTAL FOR LOC/DIV 08416 - GREEN WASTE PROGRAM:		5.000	4.000	1.000
Div/Loc: 08419 - ORGANIC WASTE PROGRAM				
084196150	RECYCLING & ORGANICS COORDNTR	1.000	1.000	
084196304	REFUSE TRUCK DRIVER II	1.000	1.000	
TOTAL FOR LOC/DIV 08419 - ORGANIC WASTE PROGRAM:		2.000	2.000	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
Div/Loc: 08420 - WASTEWATER - ADMINISTRATION				
084205514	PRINCIPAL ENGINEER	1.000	1.000	
084207142	SR ENGINEER	1.000	1.000	
084209045	WSTWTR UTILITY MANAGER	1.000	1.000	
TOTAL FOR LOC/DIV 08420 - WASTEWATER - ADMINISTRATION:		3.000	3.000	
Div/Loc: 08421 - WATER TREATMENT/STORAGE				
084219175	WATER TRMT PLT CHIEF OPERATOR	1.000	1.000	
084219232	WATER TRMT PLT OPR GD I 8HR	1.000	0.000	1.000
084219230	WATER TRMT PLT OPR GRD III 24	4.000	4.000	
08421B537	WATER TRMT PLT OPR GD II 8HR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08421 - WATER TREATMENT/STORAGE:		6.000	6.000	
Div/Loc: 08422 - DRY CREEK WWTP				
084224957	OFFICE ASSISTANT II	1.000	1.000	
084229000	WSTWTR TRMT PLT OPR GD I	1.000	0.000	1.000
084229010	WSTWTR TRMT PLT OPR GD II	1.000	1.000	
084229020	WSTWTR TRMT PLT OPR GD III 24H	4.000	3.000	1.000
084229030	WSTWTR TRMT PLT OPR IV	1.000	1.000	
08422B541	WSTWTR TRMT PLT OPR GD II	0.000	1.000	(1.000)
08422B543	WSTWTR TRMT PLT OPR GD III 24H	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08422 - DRY CREEK WWTP:		8.000	8.000	
Div/Loc: 08424 - ENVIRONMENTAL UTIL-MAINTENANCE				
084242378	ELECTRONIC MAINT COORDINATOR	1.000	1.000	
084242385	ELECTRONICS TECHNICIAN II	4.000	4.000	
084244520	MATERIALS TECHNICIAN	1.000	1.000	
084245319	PLANT & EQUIPMENT MAINT WOR II	2.000	1.000	1.000
084245328	PLANT & EQUIPMENT MECHANIC II	6.000	4.000	2.000
084245402	PREDICTIVE MAINTENANCE TECH II	1.000	1.000	
084245519	PREVENTATIVE MAINT SUPERVISOR	2.000	1.000	1.000
084245502	PREVENTATIVE MAINT TECH II	3.000	1.000	2.000
084245533	PREVENTATIVE MAINTENANCE COORD	2.000	1.000	1.000
084247020	SCADA SYSTEM TECHNICIAN	2.000	1.000	1.000
084247205	SR PLANT & EQUIPMENT MECHANIC	1.000	1.000	
084247284	SR PREVENTATIVE MAINT TECH	2.000	2.000	
084245500	PREVENTATIVE MAINT TECH I	0.000	1.000	(1.000)
08424B220	PLANT & EQUIPMENT MAINT WORK I	0.000	1.000	(1.000)
08424B221	PLANT & EQUIPMENT MECHANIC I	0.000	1.000	(1.000)
08424B226	PREVENTATIVE MAINT TECH II	0.000	1.000	(1.000)
08424B227	PREVENTATIVE MAINT COORD	0.000	1.000	(1.000)
08424B235	SCADA SYSTEM TECHNICIAN	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08424 - ENVIRONMENTAL UTIL-MAINTENANCE:		27.000	25.000	2.000
Div/Loc: 08425 - INDUSTRIAL TREATMENT				
084253604	INDUSTRIAL WASTE SPECIALIST	1.000	1.000	
084253610	INDUSTRIAL WASTE TECHNICIAN	1.000	0.000	1.000
TOTAL FOR LOC/DIV 08425 - INDUSTRIAL TREATMENT:		2.000	1.000	1.000
Div/Loc: 08426 - ENVIRONMENTAL TREATMENT LAB				
084261548	DATA MANAGEMENT SPECIALIST II	1.000	1.000	
084262541	EU COMPLIANCE ADMINISTRATOR	1.000	1.000	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
084264020	LABORATORY TECHNICIAN II	4.000	3.000	1.000
084269101	WATER QUALITY LAB SUPERVISOR	1.000	0.000	1.000
08426B473	LABORATORY TECHNICIAN I	0.000	1.000	(1.000)
08426B837	WATER QUALITY LAB SUPERVISOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08426 - ENVIRONMENTAL TREATMENT LAB:		7.000	7.000	
Div/Loc: 08427 - PLEASANT GROVE WWTP				
084274957	OFFICE ASSISTANT II	1.000	1.000	
084279040	WSTWTR TRMT PLT CHIEF OPERATOR	1.000	1.000	
084279025	WSTWTR TRMT PLT OPR GD III	4.000	3.000	1.000
08427B542	WSTWTR TRMT PLT OPR GD III	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08427 - PLEASANT GROVE WWTP:		6.000	6.000	
Div/Loc: 08430 - WATER - ADMINISTRATION				
084301646	DEPT GOVERN REL SUPERVISOR	1.000	0.000	1.000
084305514	PRINCIPAL ENGINEER	1.000	0.000	1.000
084305615	PUB AFFAIRS&COMMUNICATN ADMNST	1.000	0.000	1.000
084309244	WATER UTILITY MANAGER	1.000	0.000	1.000
08430B965	DEPT GOVERN REL SUPERVISOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08430 - WATER - ADMINISTRATION:		4.000	1.000	3.000
Div/Loc: 08431 - WATER DISTRIBUTION				
084314957	OFFICE ASSISTANT II	3.000	2.000	1.000
084317204	SR WATER DISTRIBUTION WORKER	4.000	4.000	
084319084	WATER DISTRIBUTION SUPERVISOR	2.000	2.000	
084319085	WATER DISTRIBUTION SUPT	1.000	0.000	1.000
084319248	WATER DISTRIBUTION WORKER II	22.000	15.000	7.000
084310084	ADMINISTRATIVE TECHNICIAN	0.000	0.775	(.775)
08431B252	WATER DISTRIBUTION WORKER I	0.000	1.000	(1.000)
08431B253	WATER DISTRIBUTION WORKER II	0.000	6.000	(6.000)
08431B490	OFFICE ASSISTANT II	0.000	1.000	(1.000)
08431B850	WATER DISTRIBUTION SUPT	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08431 - WATER DISTRIBUTION:		32.000	32.775	(.775)
Div/Loc: 08432 - WASTEWATER COLLECTION				
084320084	ADMINISTRATIVE TECHNICIAN	1.000	0.000	1.000
084323610	INDUSTRIAL WASTE TECHNICIAN	1.000	0.000	1.000
084324957	OFFICE ASSISTANT II	1.000	0.000	1.000
084327202	SR WSTWTR UTILITY MAINT WKR	4.000	4.000	
084328980	WSTWTR COLLECTION SUPT	1.000	1.000	
084328978	WSTWTR COLLECTION SUPV	1.000	0.000	1.000
084329029	WSTWTR UTILITY MAINT WKR II	22.000	14.000	8.000
08432B254	WSTWTR UTILITY MAINT WKR I	0.000	7.000	(7.000)
08432B255	WSTWTR UTILITY MAINT WKR II	0.000	1.000	(1.000)
08432B402	ADMINISTRATIVE TECHNICIAN	0.000	1.000	(1.000)
08432B841	WSTWTR COLLECTION SUPV	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08432 - WASTEWATER COLLECTION:		31.000	29.000	2.000
Div/Loc: 08433 - WATER EFFICIENCY				
084330084	ADMIN TECHNICIAN	1.000	0.000	1.000
084334957	OFFICE ASSISTANT II	1.750	1.750	
084339047	WATER CONSERVATION ADMINSTR	1.000	1.000	

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
084339078	WATER CONSERVATION SPECIALIST	1.000	1.000	
084339051	WATER CONSERVATION WORKER II	4.000	4.000	
TOTAL FOR LOC/DIV 08433 - WATER EFFICIENCY:		8.750	7.750	1.000
Div/Loc: 08441 - RECYCLED WATER				
084417162	SR ENGINEERING TECHNICIAN	1.000	0.000	1.000
TOTAL FOR LOC/DIV 08441 - RECYCLED WATER:		1.000	0.000	1.000
Div/Loc: 08450 - STORM WATER MANAGEMENT PROGRAM				
084501350	ENGINEERING TECHNICIAN II	1.000	1.000	
084502544	ENVIRONMENTAL COMPL SPEC II	2.000	1.000	1.000
084507142	SR ENGINEER	1.000	0.000	1.000
TOTAL FOR LOC/DIV 08450 - STORM WATER MANAGEMENT PROGRAM:		4.000	2.000	2.000
Div/Loc: 08527 - UTILITY EXPLORATION CENTER				
085273732	INTERPRETIVE SRVCS SPECIAL II	1.000	1.000	
085273740	INTERPRETIVE SRVCS SUPERVISOR	1.000	1.000	
085274517	MARKET & COMMUNICATIONS ANA II	1.000	1.000	
085273733	SR INTERPRETIVE SRVCS SPECIAL	1.000	1.000	
TOTAL FOR LOC/DIV 08527 - UTILITY EXPLORATION CENTER:		4.000	4.000	
TOTAL FOR DEPARTMENT 84 - ENVIRONMENTAL UTILITIES:		226.750	207.150	19.600

Department: 86 ROSEVILLE ELECTRIC

Div/Loc: 08600 - ELECTRIC - ADMINISTRATION

086000084	ADMIN TECHNICIAN	2.000	2.000	
086000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
086001505	AMI PROJECT MANAGER	1.000	0.000	1.000
086000395	ASSISTANT ELECTRIC UTILITY DIR	1.000	1.000	
086001548	DATA MANAGEMENT SPECIALIST II	2.000	0.875	1.125
086001646	DEPT GOVERN REL SUPERVISOR	1.000	0.000	1.000
086001645	DEPT PUBLIC INFO OFFICER	1.000	0.000	1.000
086001312	ELECTRIC BUSINESS ANALYST II	4.000	3.000	1.000
086002335	ELECTRIC COMPLIANCE ANALYST	2.000	1.000	1.000
086002358	ELECTRIC TECHNOLOGY SYST SUPV	1.000	1.000	
086002359	ELECTRIC TECHNOLOGY SYSTS TECH	3.000	2.000	1.000
086002320	ELECTRIC UTILITY DIRECTOR	1.000	1.000	
086002215	ELECTRIC UTILITY FIN ADMINSTR	1.000	0.000	1.000
086001648	GOVERN RELATIONS REP II	1.000	0.000	1.000
086004517	MARKET & COMMUNICATIONS ANA II	1.000	1.000	
086007128	SR ELECTRIC BUSINESS ANALYST	2.000	2.000	
086000050	ADMINISTRATIVE ANALYST II	0.000	1.000	(1.000)
086002216	ELECTRIC RISK AND COMP SUPV	0.000	1.000	(1.000)
08600B212	ELECTRIC TECHNOLOGY SYST TECH	0.000	1.000	(1.000)
08600B739	ELECTRIC BUSINESS ANALYST II	0.000	1.000	(1.000)
08600B746	ELECTRIC RESOURCES ANALYST I	0.000	1.000	(1.000)
08600B955	ELECTRIC UTILITY FIN ADMINSTR	0.000	1.000	(1.000)
08600B957	AMI PROJECT MANAGER	0.000	1.000	(1.000)
08600B965	DEPT GOVERN REL SUPERVISOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08600 - ELECTRIC - ADMINISTRATION:		25.000	23.875	1.125

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
Div/Loc: 08611 - ELECTRIC ENGINEERING				
086110084	ADMIN TECHNICIAN	1.000	0.000	1.000
086110395	ASSISTANT ELECTRIC UTILITY DIR	1.000	0.000	1.000
086112330	ELECTRIC DRAFTING TECH II	2.000	1.000	1.000
086112345	ELECTRIC ENGINEERING TECH II	5.000	1.000	4.000
086112284	ELECTRIC ENGINEERING TECH SUPV	1.000	1.000	
086113412	GIS ANALYST II	1.000	0.000	1.000
086114957	OFFICE ASSISTANT II	2.000	1.000	1.000
086115596	POWER ENGINEER II	4.000	2.000	2.000
086115505	POWER ENGINEERING MANAGER	1.000	0.800	.200
086117151	SR POWER ENGINEER	2.000	2.000	
086112340	ELECTRIC ENGINEERING TECH I	0.000	2.000	(2.000)
08611B201	ELECTRIC DRAFTING TECH I	0.000	1.000	(1.000)
08611B203	ELECTRIC ENGINEERING TECH I	0.000	1.000	(1.000)
08611B228	PWR ENGINEER I	0.000	1.000	(1.000)
08611B402	ADMINISTRATIVE TECHNICIAN	0.000	1.000	(1.000)
08611B455	GIS ANALYST II	0.000	1.000	(1.000)
08611B708	ASSISTANT ELECTRIC UTILITY DIR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08611 - ELECTRIC ENGINEERING:		20.000	16.800	3.200
Div/Loc: 08614 - ELECT CONST & MAINTENANCE				
086149250	ELEC UTILITY INSPECTION TECH	2.000	0.000	2.000
086140150	ELECTRIC APPRENTICE LINE TECH	0.000	1.000	(1.000)
086142285	ELECTRIC LINE TECH	15.000	7.000	8.000
086142286	ELECTRIC LINE TROUBLESHOOTER	3.000	3.000	
086142212	ELECTRIC MATERIALS TECH II	3.000	2.000	1.000
086142338	ELECTRIC OPERATIONS MANAGER	1.000	1.000	
086142339	ELECTRIC OPERATIONS SUPERVISOR	2.000	2.000	
086142254	ELECTRIC PREV DATA SYSTEM TECH	2.000	1.000	1.000
086142352	ELECTRIC SAFETY COORDINATOR	1.000	1.000	
086142319	ELECTRIC SUBSTATION SUPERVISOR	1.000	1.000	
086142350	ELECTRIC SYSTEM DISPATCHER	3.000	3.000	
086142360	ELECTRIC UTILITY TECHNICIAN I	0.000	2.000	(2.000)
086142362	ELECTRIC UTILITY TECHNICIAN II	17.000	8.000	9.000
086144957	OFFICE ASSISTANT II	1.000	1.000	
086147118	SR ELECTRIC LINE TECHNICIAN	5.000	5.000	
086147169	SR ELECTRIC MATERIALS TECH	1.000	1.000	
086147124	SR ELECTRIC METERING TECH	1.000	1.000	
086147126	SR ELECTRIC SUBSTATION TECH	3.000	3.000	
086147168	SR ELECTRIC SYSTEM DISPATCHER	1.000	1.000	
08614B200	ELECTRIC APPRENTICE LINE TECH	0.000	3.000	(3.000)
08614B205	ELECTRIC LINE TECH	0.000	1.000	(1.000)
08614B208	ELECTRIC MATERIALS TECH II	0.000	1.000	(1.000)
08614B213	ELECTRIC UTILITY TECHNICIAN I	0.000	2.000	(2.000)
08614B214	ELECTRIC UTILITY TECHNICIAN II	0.000	3.000	(3.000)
08614B256	ELEC UTIL INSPECTION TECH	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08614 - ELECT CONST & MAINTENANCE:		62.000	56.000	6.000
Div/Loc: 08616 - ELECTRIC POWER PLANT				
086162212	ELECTRIC MATERIALS TECH II	1.000	0.000	1.000
086163608	INSTRUMENT & CONTROL TECH	3.000	2.000	1.000

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
086164957	OFFICE ASSISTANT II	1.000	0.000	1.000
086165600	POWER GENERATION SUPERINTENDEN	1.000	1.000	
086165591	POWER PLANT ENGINEER II	1.000	0.000	1.000
086165530	POWER PLANT OPS & MAINT SUPVS	2.000	2.000	
086165526	PWR PLNT MECHANIC	3.000	1.000	2.000
086165523	PWR PLNT OPERATOR/TECH II	8.000	7.000	1.000
086165555	SR POWER PLANT ENGINEER	1.000	1.000	
086167152	SR POWER PLANT OPERATOR/TECH	4.000	4.000	
086165590	POWER PLANT ENGINEER I	0.000	1.000	(1.000)
08616B207	ELECTRIC MATERIALS TECH I	0.000	1.000	(1.000)
08616B217	INSTRUMENT & CONTROL TECH	0.000	1.000	(1.000)
08616B232	POWER PLANT MECHANIC	0.000	2.000	(2.000)
08616B233	POWER PLANT OPERATOR TECH I	0.000	1.000	(1.000)
08616B490	OFFICE ASSISTANT II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08616 - ELECTRIC POWER PLANT:		25.000	25.000	
Div/Loc: 08621 - POWER SUPPLY				
086210084	ADMIN TECHNICIAN	1.000	0.000	1.000
086210395	ASSISTANT ELECTRIC UTILITY DIR	1.000	1.000	
086211312	ELECTRIC BUSINESS ANALYST II	1.000	1.000	
086212316	ELECTRIC RESOURCES ANALYST II	5.000	2.000	3.000
086212216	ELECTRIC RISK AND COMP SUPV	1.000	0.000	1.000
086215535	POWER SUPPLY & PORTFOLIO ADMST	1.000	0.000	1.000
08621B738	ELECTRIC BUSINESS ANALYST I	0.000	1.000	(1.000)
08621B804	POWER SUPPLY & PORTFOLIO ADMST	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08621 - POWER SUPPLY:		10.000	6.000	4.000
Div/Loc: 08623 - RETAIL SRVCS-PUBLIC BENEFITS				
086231312	ELECTRIC BUSINESS ANALYST II	1.000	0.000	1.000
086236285	ELECTRIC CUSTOMR PROGRAMS SUPV	1.000	1.000	
086232466	ENERGY PROGRAM TECHNICIAN	4.000	3.000	1.000
086232501	ENERGY SERVICES ACCOUNT REP II	2.000	0.000	2.000
086234957	OFFICE ASSISTANT II	1.000	0.000	1.000
086237163	SR ENERGY SERVICES ACCOUNT REP	2.000	2.000	
086232500	ENERGY SERVICES ACCOUNT REP I	0.000	1.000	(1.000)
08623B490	OFFICE ASSISTANT II	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08623 - RETAIL SRVCS-PUBLIC BENEFITS:		11.000	8.000	3.000
TOTAL FOR DEPARTMENT 86 - ROSEVILLE ELECTRIC:		153.000	135.675	17.325

Department: 88 DEVELOPMENT SERVICES

Div/Loc: 08200 - PLANNING

082000900	ASSOC PLANNER	6.000	0.906	5.093
082005309	PLANNING MANAGER	1.000	1.000	
082007180	SR PLANNER	2.000	2.000	
082002540	ENVIRONMENTAL COORDINATOR	0.000	1.000	(1.000)
08200B405	ASSOC PLANNER	0.000	2.000	(2.000)
08200B407	ASST PLANNER	0.000	2.000	(2.000)
TOTAL FOR LOC/DIV 08200 - PLANNING:		9.000	8.906	.093

Div/Loc: 08800 - DEV SVCS- ADMINISTRATION

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
088000071	ADMINISTRATIVE ASSISTANT (C)	1.000	1.000	
088001676	DEVELOPMENT SERVICES DIRECTOR	1.000	1.000	
TOTAL FOR LOC/DIV 08800 - DEV SVCS- ADMINISTRATION:		2.000	2.000	
Div/Loc: 08801 - DEV SVCS- PERMIT CENTER				
088010050	ADMINISTRATIVE ANALYST II	1.000	1.000	
088010084	ADMINISTRATIVE TECHNICIAN	1.000	1.000	
088011282	DEVELOPMENT SERVICES ANALYST	1.000	1.000	
088011695	DEVELOPMENT SERVICES MANAGER	1.000	0.000	1.000
088011280	DEVELOPMENT SVCS ADMINISTRATOR	1.000	1.000	
088013412	GIS ANALYST II	1.000	1.000	
088012214	GIS TECHNICIAN II	1.000	0.000	1.000
088014957	OFFICE ASSISTANT II	2.000	1.000	1.000
088011501	PERMITS SUPERVISOR	1.000	0.000	1.000
088011281	SR DEVELOPMENT SERVICES ANALYS	1.000	1.000	
08801B489	OFFICE ASSISTANT I	0.000	1.000	(1.000)
08801B953	GIS TECHNICIAN I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08801 - DEV SVCS- PERMIT CENTER:		11.000	9.000	2.000
Div/Loc: 08810 - DEV SVCS- BUILDING INSPECTION				
088101017	BLDG INSPECTION SUPERVISOR	1.000	1.000	
088101019	BLDG INSPECTOR II	4.000	3.000	1.000
088101043	BLDG OFFICIAL	1.000	1.000	
088101047	BLDG PLANS EXAMINER II	4.000	1.000	3.000
088101368	CODE ENFORCEMENT SUPERVISOR	1.000	0.000	1.000
088101672	DEVELOPMENT TECHNICIAN II	3.000	0.000	3.000
088105279	PERMIT TECHNICIAN II	3.000	0.000	3.000
088107117	SR BUILDING INSPECTOR	1.000	1.000	
088107195	SR BUILDING PLANS EXAMINER	1.000	1.000	
088101502	SR PERMITS TECHNICIAN	1.000	1.000	
088101501	PERMITS SUPERVISOR	0.000	1.000	(1.000)
088101670	DEVELOPMENT TECHNICIAN I	0.000	1.000	(1.000)
088105277	PERMIT TECHNICIAN I	0.000	1.000	(1.000)
08810B408	BLDG INSPECTOR I	0.000	1.000	(1.000)
08810B409	BLDG INSPECTOR II	0.000	2.000	(2.000)
08810B412	BLDG PLANS EXAMINER I	0.000	1.000	(1.000)
08810B413	BLDG PLANS EXAMINER II	0.000	1.000	(1.000)
08810B434	DEVELOPMENT TECHNICIAN I	0.000	1.000	(1.000)
08810B494	PERMIT TECHNICIAN I	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08810 - DEV SVCS- BUILDING INSPECTION:		20.000	19.000	1.000
Div/Loc: 08815 - DEV SVCS- CODE ENFORCEMENT				
088151019	BLDG INSPECTOR II	2.000	0.000	2.000
088151369	CODE ENFORCEMENT INSPECTOR II	2.000	1.000	1.000
088151368	CODE ENFORCEMENT SUPERVISOR	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08815 - DEV SVCS- CODE ENFORCEMENT:		4.000	2.000	2.000
Div/Loc: 08820 - DEV SVCS- ENGINEERING				
088200820	ASSOC ENGINEER	3.000	3.000	
088200338	ASST ENGINEER	3.000	2.000	1.000
088201248	CONSTRUCTION INSPECTION SUPV	1.000	1.000	
088201434	CONSTRUCTION INSPECTOR II	6.000	1.000	5.000

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Date: 05/11/2019

Report: HR_ALLOC_STAFF_DEPT_LOC_ROSEV - HR: Allocation by Department, DivLoc - No Names

Time: 06:46:33

Position Allocation/Staffing Report
by Department and Location ("Division")

PCN	Position Title	Allocated FTE	Staffed FTE	(Over)/ Under Staffed Variance
088201277	ENGINEERING MANAGER	1.000	1.000	
088201350	ENGINEERING TECHNICIAN II	1.000	0.000	1.000
088205514	PRINCIPAL ENGINEER	1.000	1.000	
088207121	SR CONSTRUCTION INSPECTOR	2.000	2.000	
088207142	SR ENGINEER	3.000	2.000	1.000
088201432	CONSTRUCTION INSPECTOR I	0.000	1.000	(1.000)
08820B424	CONSTRUCTION INSPECTOR I	0.000	1.000	(1.000)
08820B425	CONSTRUCTION INSPECTOR II	0.000	3.000	(3.000)
08820B472	JR ENGINEER	0.000	1.000	(1.000)
TOTAL FOR LOC/DIV 08820 - DEV SVCS- ENGINEERING:		21.000	19.000	2.000
TOTAL FOR DEPARTMENT 88 - DEVELOPMENT SERVICES:		67.000	59.906	7.093
Grand Totals:		1,160.725	1,057.368	103.356



COUNCIL COMMUNICATION

CC #: 9991

File #: 0201-01 & 0900-04-02

Title:	Washington Boulevard and All America City Boulevard Roundabout Project - Budget Adjustment
Contact:	Noah Siviglia 916-746-1379 nsiviglia@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.24.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt an ordinance to approve a budget adjustment in the amount of \$600,000.00 from the Local Transportation Fund (LTF) for the design of a multilane roundabout at the intersection of Washington Boulevard and All America City Boulevard.

BACKGROUND

Staff is requesting a budget adjustment in the amount of \$600,000.00 from the Local Transportation Fund (LTF) for the design of a multilane roundabout at the intersection of Washington Blvd and All America City Blvd.

Washington Blvd is an arterial roadway (originally part of old Hwy 65) that extends from Central Roseville to the northern City Limit and is one of the main connections to the City's Historic and Downtown regions. The roundabout project limits currently include Washington Blvd (5 lane arterial) intersected by collector roadways All America City Blvd on the west, and Lincoln Street to the east.

The proposed roundabout will maintain the multi-lane configuration for the north and southbound directions, while reducing the intersecting collector streets to a single approach and departure lane for each. This project will improve the intersection safety, accessibility for bicyclists and pedestrians, and corridor aesthetics, while also reducing vehicle emissions.

Staff requested proposals for the project from the 5 firms for which we have an existing on-call agreement for civil engineering design services. A panel of 4 staff reviewed the proposals and unanimously selected Kimley-Horn and Associates, Inc., based on their experience with similar projects and their thorough understanding of the project constraints.

Construction of the roundabout is fully funded with Congestion Mitigation and Air Quality grant funds with a small amount of LTF matching funds. We anticipate design and permitting to be completed by early 2020, with construction beginning in the spring of 2020.

FISCAL IMPACT

The requested budget adjustment is in the amount of \$600,000.00 and will supply \$520,000.000 for the design contract with Kimley-Horn and any environmental permitting needs, as well as \$80,000.00 for City staff time required for design review and project management. The design is fully funded with Local Transportation Funds. No General Fund resources will be used on this project.

ECONOMIC DEVELOPMENT / JOBS CREATED

Federal guidelines suggest that there is one job created for every \$92,000.00 in direct government spending. Based on that figure, this project will create 5.6 jobs.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The requested budget for the Washington Boulevard and All America City Boulevard Roundabout Project does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

The task order with Kimley-Horn and Associates, Inc. includes preparation of appropriate CEQA environmental review documentation for the project. It is anticipated that the appropriate CEQA environmental document will be an Initial Study/Mitigated Negative Declaration (IS/MND). Staff anticipates bringing the final CEQA document to Council for consideration/approval in the summer of 2019.

Respectfully Submitted,

Noah Siviglia, Associate Engineer

Jason Shykowski, Acting Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6085

Budget Adjustment

Project Location Map

ORDINANCE NO. 6085

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2018-19, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for the Washington Boulevard and All America City Boulevard Roundabout project, per request of the Public Works Department, as listed on the attached Request for Budget Adjustment in the amount of \$1,200,000.00.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2018, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

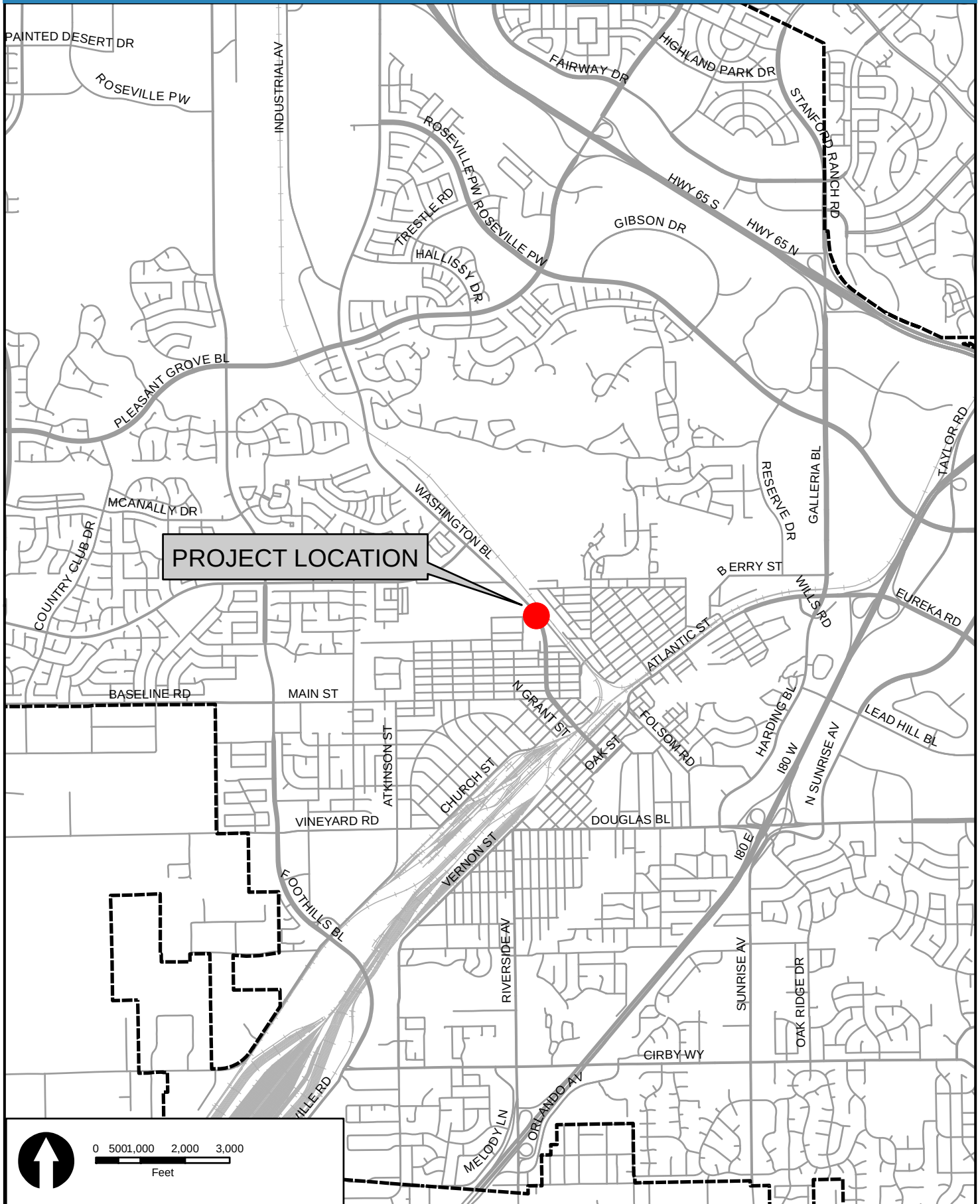
MAYOR

ATTEST:

City Clerk

DATE _____

Washington Blvd. & All America City Blvd. Roundabout Project - Location Map





COUNCIL COMMUNICATION

CC #: 9969

File #: 0201-01 & 0800-06

Title: Completion of Reimbursable Public Improvements - Budget Adjustment

Contact: Matt Todd 916-774-5562 mtodd@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.25.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt an ordinance approving a budget adjustment to transfer \$1,500,000.00 from the Traffic Mitigation Fund and \$300,000 from the City-County Traffic Mitigation Fee fund to the City's Developer Reimbursement account.

BACKGROUND

The City has entered into various Development Agreements (DA) and approved discretionary permits that require private developers to construct public improvements that have been identified in the City's Capital Improvement Program (CIP). These improvements are beyond the scope of the individual private development projects and therefore are subject to reimbursement.

This request is to move \$1,500,000.00 from the Traffic Mitigation Fee (TMF) fund and \$300,000.00 from the City-County Traffic Mitigation Fee fund, for a total of \$1,800,000.00 to the City's Developer Reimbursement account to allow staff to pay the obligated reimbursement to developers for completion of the public improvements beyond the scope of their project.

FISCAL IMPACT

The actions requested as part of this item will have no impact to the City's General Fund. This project request is funded through the TMF and City-County TMF, collected over time, and specifically paid from the Developer Reimbursement Account.

ECONOMIC DEVELOPMENT / JOBS CREATED

Note a national economic development study has shown that 1 job is created for every \$92,000.00 invested in public projects.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The action of approving a budget adjustment does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Matt Todd, Principal Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6082

Request for Budget Adjustment Form

ORDINANCE NO. 6082

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2018-19, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for completion of reimbursable public improvements as required by the Sierra Vista development agreement, per request of the Development Services Department, as listed on the attached Request for Budget Adjustment in the amount of \$1,800,000.00.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

_____ PREPARED BY (PRINTED NAME)		_____ DATE		_____ PREPARED BY SIGNATURE		_____ DATE	
REQUIRED APPROVALS:							
_____ REQUESTING DEPARTMENT HEAD / DESIGNEE		_____ DATE		_____ BUDGET MANAGER / DESIGNEE		_____ DATE	
_____ FINANCE DIRECTOR / DESIGNEE		_____ DATE		_____ CITY MANAGER / DESIGNEE		_____ DATE	



COUNCIL COMMUNICATION

CC #: 9977

File #: 0201-01 & 0900-07

Title: Cable Studio Renovations Project - Budget Adjustment

Contact: Janet Vargas 916-774-5557 jvargas@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.26.

RECOMMENDATION TO COUNCIL

Adopt an ordinance approving a budget adjustment of \$173,000.00 to renovate the former cable studio space at the Mahany Library into offices and workspace for the Utility Exploration Center (UEC).

BACKGROUND

When the UEC was built in the Mahany Library, dedicated office space and program planning space were not incorporated. The UEC's four full-time administrative staff currently occupy a 300-square foot combined office space that was formerly the library's arts and crafts room. Effective January 31, 2018, the existing cable studio space located at the front of the library was vacated. The UEC took over the facility-related costs of this space thus reducing costs that were being paid by the General Fund.

This renovation project will allow for the creation of dedicated office spaces, cubicle spaces, temporary employee work spaces, and program planning space for UEC staff. Funding for acquisition and installation of necessary furniture and fixtures is included in this request.

FISCAL IMPACT

Funds for this renovation are available in the Electric Fund and the rehabilitation funds for Water, Wastewater, and Solid Waste. Ongoing facility-related costs will be shared by Roseville Electric Utility and Environmental Utilities. There is no impact to the General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

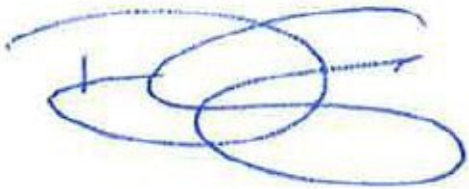
ENVIRONMENTAL REVIEW

A budget adjustment is not considered a project defined by the California Environmental Quality Act (CEQA) and does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines 15061(b)(3)).

Respectfully Submitted,

Janet Vargas, EU Business Services Administrator

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6083

Budget Adjustment

ORDINANCE NO. 6083

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE 2018-19
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2018-19, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for the construction, furniture and fixtures to convert the vacated cable studio space at Mahany Library into Utility Exploration Center offices, per request of the Environmental Utilities Department and the Electric Department, as listed on the attached Request for Budget Adjustment in the amount of \$317,161.00.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT FINANCE DEPARTMENT

Instructions: Complete all necessary fields. If you have questions or need assistance preparing this form, please contact the budget team @ BudgetTeam@roseville.ca.us

REQUESTER NAME & TITLE: Janet Vargas, EU Business Services Administrator
DEPARTMENT/DIVISION: EU/Business Services
FISCAL YEAR: FY2019 EFFECTIVE DATE: FY2019
PROPOSED COUNCIL DATE (if applicable): 5/1/2019

[A.R. 6.01 Budget Adjustment Policy & Procedure](#)

For more detailed budget adjustment training information, including examples, please click on the following link

[Miscellaneous Budget Training Information](#)

USE OF FUNDS

AMOUNT	ACCOUNT NUMBER					Account Title / Activity Description
	GL		FUND	JL		
	ORG KEY	OBJECT		PROJECT	ACTIVITY	
173,000	30003	6130	482	500069	45	UEC Office Space Rehab
28,822	00482	3902	482			Transfer in from Wastewater Rehab (474)
28,839	00482	3902	482			Transfer in from Solid Waste Rehab (483)
86,500	00482	3902	482			Transfer in from Electric (490)
\$ 317,161	TOTAL					

SOURCE OF FUNDS

AMOUNT	ACCOUNT NUMBER					Account Title / Activity Description
	GL		FUND	JL		
	ORG KEY	OBJECT		PROJECT	ACTIVITY	
28.839			482			Water Rehab - Reduce fund balance
28.822	00474	8902	474			Wastewater Rehab - Transfer out to Water Rehab (482)
28.822			474			Wastewater Rehab - Reduce fund balance
28.839	00463	8902	463			Solid Waste Rehab - Transfer out to Water Rehab (482)
28.839			463			Solid Waste Rehab - Reduce fund balance
86.500	00490	8902	490			Electric - Transfer out to Water Rehab (482)
86.500			490			Electric - Reduce fund balance
\$ 317,161	TOTAL					

Justification for Budget Adjustment:

The Utility Exploration Center (UEC) at Mahany Library requires additional office and workspace. The project estimate of \$173,000 shared between Roseville Electric Utility and Environmental Utilities, will cover the costs of construction, furniture, and fixtures to convert the vacated cable studio space at Mahany into UEC offices.

Janet Vargas

4/9/2019

Janet Vargas

PREPARED BY (PRINTED NAME)

DATE

PREPARED BY SIGNATURE

DATE

REQUIRED APPROVALS:

REQUESTING DEPARTMENT HEAD / DESIGNEE

DATE

BUDGET MANAGER / DESIGNEE

DATE

FINANCE DIRECTOR / DESIGNEE

DATE

CITY MANAGER / DESIGNEE

DATE



COUNCIL COMMUNICATION

CC #: 9968
File #: 0400-07

Title: Breton Village - Approval of Final Map
Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.27.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk and accept, on behalf of the public, the easements offered thereon.

BACKGROUND

Typically, a developer is required to enter into a subdivision agreement with the approval of their final map to ensure the completion and maintenance of the required improvements of the subdivision. The improvements for Breton Village were completed and accepted by the City in 2010, and then the subdivision subsequently sat dormant because of the downturn in the economy. Due to the length of time that the development was inactive, a thorough inspection of the improvements along with the testing and maintenance of existing utilities was recently completed. Since the improvements were found to be in satisfactory condition and were completed back in 2010, the developer of Breton Village is not required to enter into a subdivision agreement with the approval of the final map.

The Development Services - Engineering section has reviewed the subject final map and has found that it is in conformance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met.

This final map will be creating 53 residential lots, 3 landscape lots, 9 common area lots and 1 lot for private streets.

FISCAL IMPACT

No fiscal impact to the General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

The sale of new homes will be the results of the acceptance of this map, creating jobs associated with the construction of these future residences.

ENVIRONMENTAL REVIEW

In accordance with the CEQA Guidelines, an initial Study and Negative Declaration were prepared using previous environmental documents such as the General Plan EIR, plus new project-specific reports. Based on the results of the initial Study, the appropriate environmental document for the project is a Mitigated Negative Declaration. The Mitigated Negative Declaration was approved on February 26, 2009.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Final Map

FINAL MAP OF
BRETON VILLAGE RESIDENTIAL
SUBDIVISION NO. PL16-0170
PARCEL B OF PARCEL MAP, 32 P.M. 151
BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
MARCH, 2019
MORTON & PITALO, INC.

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE LANDS SUBDIVIDED HEREON AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS FINAL MAP OF BRETON VILLAGE RESIDENTIAL, AND OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR PARTICULAR PURPOSES THE FOLLOWING:

- (A) PUBLIC EASEMENTS FOR BIKE PATHS TOGETHER WITH ANY ALL APPURTENANCES PERTAINING THERETO, ON, OVER AND ACROSS LOTS A, B AND C SHOWN HEREON AND DESIGNATED "B.P.E." (BIKE PATH EASEMENT).
- (B) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO, GAS, SANITARY SEWER, AND WATER PIPES AND FOR POLES, OVERHEAD AND UNDERGROUND WIRES, AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO, ACROSS, ON, OVER AND UNDER LOT I SHOWN HEREON AND THOSE STRIPS OF LAND 4.0 FEET IN WIDTH LYING CONTIGUOUS TO THE PRIVATE LANES AS SHOWN HEREON AND DESIGNATED AS "4' P.U.E." (4' PUBLIC UTILITY EASEMENT), AND THE "5.50' P.U.E." (5.50' PUBLIC UTILITY EASEMENT) ON LOT 27, AND THE "4' X 4' P.U.E." (4' X 4' PUBLIC UTILITY EASEMENT) ON LOT 28, AND THE "12.37' P.U.E." (12.37' PUBLIC UTILITY EASEMENT) ON LOT 33.
- (C) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF GAS AND WATER PIPES, AND FOR POLES, OVERHEAD AND UNDERGROUND WIRES, AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO, ACROSS, ON, OVER AND UNDER LOTS D, E, F, G, H AND J, EXCEPT WHERE BUILDINGS ARE LOCATED.

TAYLOR MORRISON OF CALIFORNIA, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

BY: JAY PAWLEK, VICE PRESIDENT DATE

NOTARY'S STATEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF

ON, BEFORE ME, A NOTARY PUBLIC, PERSONALLY APPEARED WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL NOTARY PUBLIC, STATE OF CALIFORNIA
MY COMMISSOIN NO. AND EXPIRES ON:
MY PRINCIPLE PLACE OF BUSINESS IS COUNTY

SIGNATURE PRINT NAME

SURVEYOR'S STATEMENT

THIS FINAL MAP OF BRETON VILLAGE RESIDENTIAL WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF BRETON VILLAGE, LLC IN NOVEMBER 2018. I HEREBY STATE THAT THIS FINAL MAP OF BRETON VILLAGE RESIDENTIAL SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP; THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE APRIL 30, 2018, AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED CHRISTOPHER J. GORGES
P. L. S. 7350
EXPIRES: 12-31-19



CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "BRETON VILLAGE RESIDENTIAL" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATED MARC STOUT
CITY ENGINEER, CITY OF ROSEVILLE
R. C. E. NO. 69879, EXPIRATION DATE: 9/30/2020

I HEREBY STATE THAT I AM SATISFIED THIS FINAL MAP OF "BRETON VILLAGE RESIDENTIAL" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATED TIMOTHY G. BLAIR, P. L. S. 8278
EXPIRATION DATE: 12/31/2019



CITY CLERK'S STATEMENT

I HEREBY STATE THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "BRETON VILLAGE RESIDENTIAL" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, ALL PUBLIC EASEMENTS HEREON OFFERED FOR DEDICATION.

CITY CLERK, CITY OF ROSEVILLE

DATED ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS DAY OF, 2019, AT
IN BOOK OF MAPS, AT PAGE AT THE REQUEST OF FIRST
AMERICAN TITLE COMPANY.

DOCUMENT NO. 2019- RYAN RONCO
PLACER COUNTY RECORDER

FEE: BY: DEPUTY

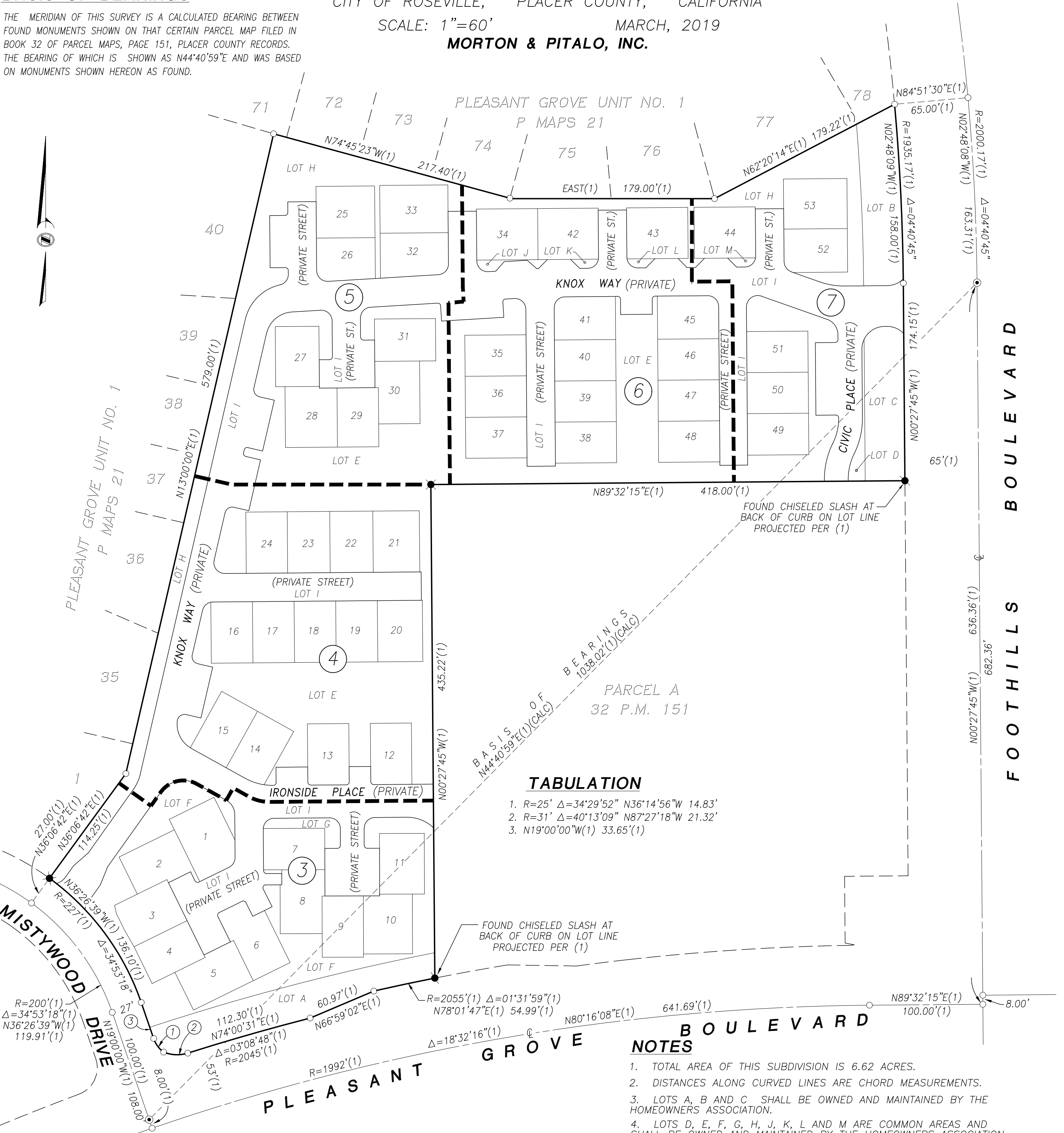
FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

SUBDIVISION NO. PL16-0170
PARCEL B OF PARCEL MAP, 32 P.M. 151
BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

BASIS OF BEARINGS

THE MERIDIAN OF THIS SURVEY IS A CALCULATED BEARING BETWEEN
FOUND MONUMENTS SHOWN ON THAT CERTAIN PARCEL MAP FILED IN
BOOK 32 OF PARCEL MAPS, PAGE 151, PLACER COUNTY RECORDS.
THE BEARING OF WHICH IS SHOWN AS N44°40'59"E AND WAS BASED
ON MONUMENTS SHOWN HEREON AS FOUND.

SCALE: 1"=60'
MARCH, 2019
MORTON & PITALO, INC.



TABULATION

1. R=25' Δ=34°29'52" N36°14'56"W 14.83'
2. R=31' Δ=40°13'09" N87°27'18"W 21.32'
3. N19°00'00"W(1) 33.65'(1)

FOUND CHISELED SLASH AT
BACK OF CURB ON LOT LINE
PROJECTED PER (1)

FOUND CHISELED SLASH AT
BACK OF CURB ON LOT LINE
PROJECTED PER (1)

BOULEVARD
NOTES

1. TOTAL AREA OF THIS SUBDIVISION IS 6.62 ACRES.
2. DISTANCES ALONG CURVED LINES ARE CHORD MEASUREMENTS.
3. LOTS A, B AND C SHALL BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
4. LOTS D, E, F, G, H, J, K, L AND M ARE COMMON AREAS AND SHALL BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION FOR THE BENEFIT AND GENERAL USE OF THE RESIDENTS OF THE HOMEOWNERS ASSOCIATION.
5. OWNERSHIP AND MAINTENANCE OF LOT I, INCLUDING STREET LIGHTS AND STREET DRAINAGE, IS PRIVATE AND IS THE RESPONSIBILITY OF THE HOMEOWNERS ASSOCIATION FOR THE MUTUAL BENEFIT OF LOTS 1 THRU 53.
6. A DECLARATION OF CONDITIONS, COVENANTS AND RESTRICTIONS FOR THIS SUBDIVISION HAS BEEN RECORDED AS DOCUMENT NO. _____, O.R.P.C.
7. A PRELIMINARY SOILS REPORT WAS PREPARED BY WALLACE-KUHL ASSOCIATES, FILE 5824.01 DATED FEBRUARY 13, 2004. A COPY OF THIS REPORT IS AVAILABLE FOR PUBLIC INSPECTION AT THE CITY OF ROSEVILLE DEVELOPMENT SERVICES - LAND DEVELOPMENT - ENGINEERING FILE NO. 308-668.
8. LOT CORNERS THAT FALL ON THE RIGHT OF WAY LINE OF A PRIVATE STREET WILL BE REFERENCED WITH A 1-1/4" COPPER DISC STAMPED L.S. 7350 1' FROM THE LOT CORNER ON THE LOT LINE PROJECTED.
9. THIS PROPERTY MAY BE SUBJECT TO A PRIVATE EASEMENT FOR THE PURPOSE OF CONSTRUCTING THE ENTRY MONUMENT AND INSTALLING AND MAINTAINING LANDSCAPING THEREON, PURSUANT TO THAT CERTAIN DOCUMENT ENTITLED, "GRANT DEED" RECORDED IN BOOK 3854, PAGE 177, PLACER COUNTY OFFICIAL RECORDS. THE EXACT LOCATION OF SAID EASEMENT IS NOT DISCLOSED BY SAID DOCUMENT AND SAID EASEMENT IS NOT PLOTTED HEREON.

LEGEND

-DIMENSION POINT - NOTHING FOUND OR SET
-DIMENSION POINT - NOTHING FOUND OR SET
-FOUND CENTER PUNCHED COPPERWELD SURVEY MONUMENT IN MONUMENT WELL
- ⊙SET CENTER PUNCHED COPPERWELD SURVEY MONUMENT IN MONUMENT WELL STAMPED L.S. 7350
- ⊕SET 1" IRON PIPE WITH PLASTIC PLUG STAMPED L.S. 7350
- ⊗SET 1-1/4" COPPER DISC STAMPED L.S. 7350
-FOUND MONUMENT AS NOTED
-FOUND 1" IRON PIPE WITH PLASTIC PLUG STAMPED L.S. 7350 PER (1)
- B.P.E.BIKE PATH EASEMENT
- P.E.PEDESTRIAN EASEMENT
- P.U.E.PUBLIC UTILITY EASEMENT
- I.O.D.IRREVOCABLE OFFER OF DEDICATION
- (1).....RECORD PER 32 P.M. 151

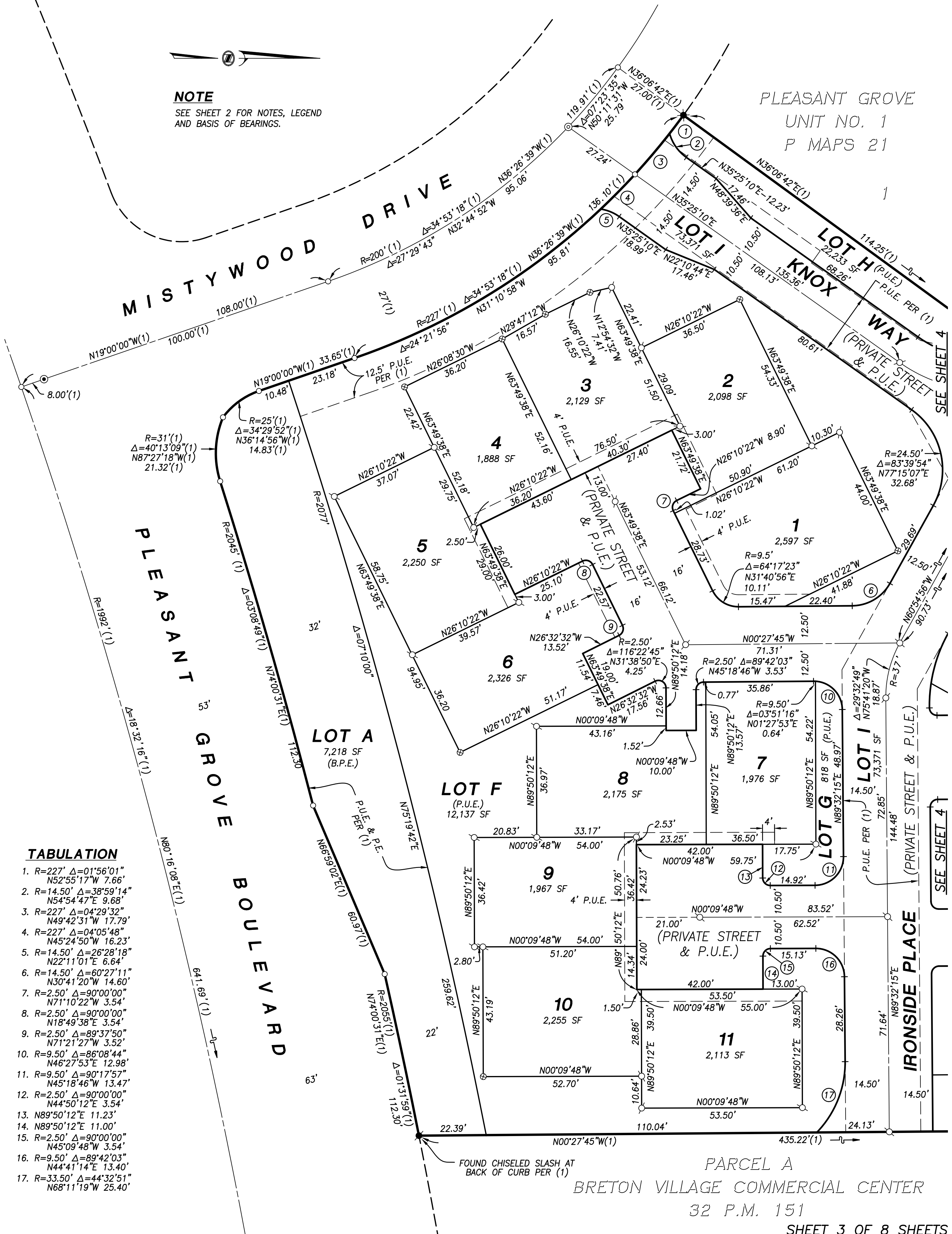
FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

SUBDIVISION NO. PL16-0170
PARCEL B OF PARCEL MAP, 32 P.M. 151
BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
SCALE: 1"=20' MARCH, 2019
MORTON & PITALO, INC.

NOTE

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS OF BEARINGS.

PLEASANT GROVE
UNIT NO. 1
P MAPS 21



TABULATION

1. R=227' Δ=01°56'01" N52°55'17"W 7.66'
2. R=14.50' Δ=38°59'14" N54°54'47"E 9.68'
3. R=227' Δ=04°29'32" N49°42'31"W 17.79'
4. R=227' Δ=04°05'48" N45°24'50"W 16.23'
5. R=14.50' Δ=26°28'18" N22°11'01"E 6.64'
6. R=14.50' Δ=60°27'11" N30°41'20"W 14.60'
7. R=2.50' Δ=90°00'00" N71°10'22"W 3.54'
8. R=2.50' Δ=90°00'00" N18°49'38"E 3.54'
9. R=2.50' Δ=89°37'50" N71°21'27"W 3.52'
10. R=9.50' Δ=86°08'44" N46°27'53"E 12.98'
11. R=9.50' Δ=90°17'57" N45°18'46"W 13.47'
12. R=2.50' Δ=90°00'00" N44°50'12"E 3.54'
13. N89°50'12"E 11.23'
14. N89°50'12"E 11.00'
15. R=2.50' Δ=90°00'00" N45°09'48"W 3.54'
16. R=9.50' Δ=89°42'03" N44°41'14"E 13.40'
17. R=33.50' Δ=44°32'51" N68°11'19"W 25.40'

BOOK OF MAPS, PAGE

PARCEL A
BRETON VILLAGE COMMERCIAL CENTER
32 P.M. 151

FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

SUBDIVISION NO. PL16-0170
PARCEL B OF PARCEL MAP, 32 P.M. 151
BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
SCALE: 1"=20' MARCH, 2019
MORTON & PITALO, INC.



NOTE

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS OF BEARINGS.

TABULATION

1. N36°06'42"E(1) 114.25'(1)
2. R=39.50' Δ=22°25'10" N24°12'35"E 15.36'
3. R=9.50' Δ=65°06'22" N45°33'11"E 10.22'

SEE SHEET 5

LOT E
1.142 ACRES
(P.U.E.)

LOT I (PRIVATE STREET & P.U.E.)

LOT E
1.142 ACRES
(P.U.E.)

LOT I

LOT F

LOT G

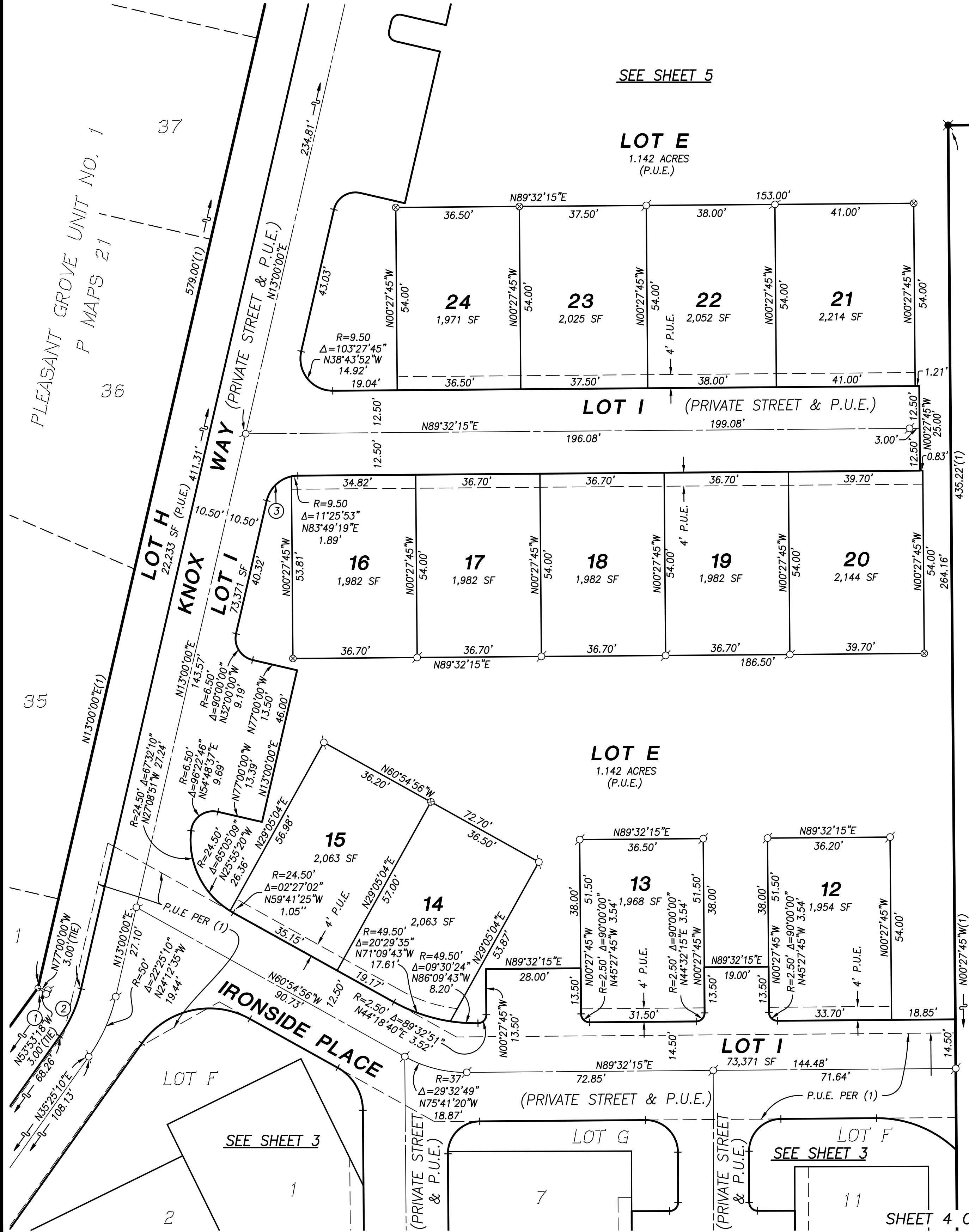
SEE SHEET 3

SEE SHEET 3

SHEET 4 OF 8 SHEETS

BOOK OF MAPS, PAGE

PARCEL A
BRETON VILLAGE COMMERCIAL CENTER
32 P.M. 151

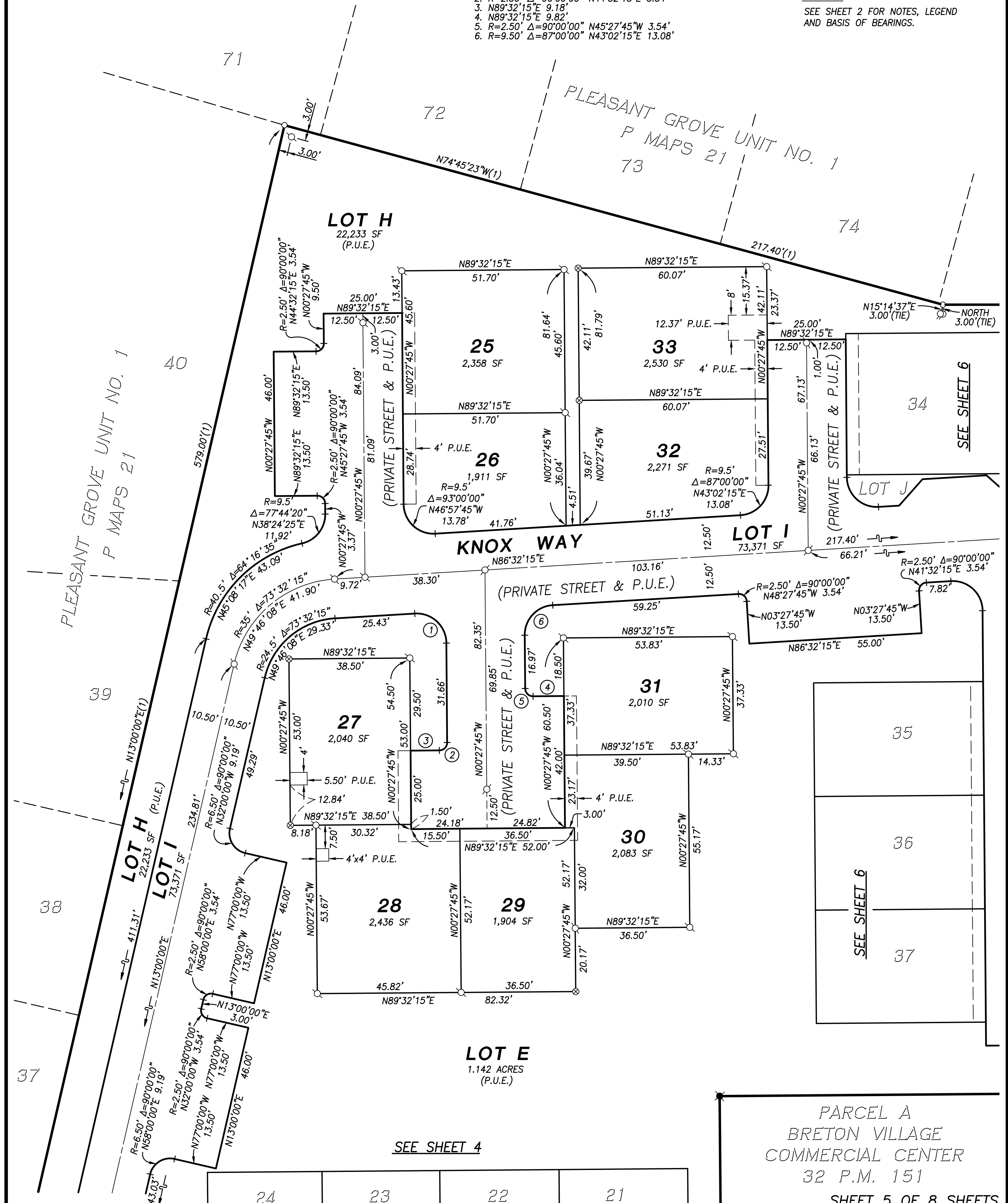


SUBDIVISION NO. PL16-0170
PARCEL B OF PARCEL MAP, 32 P.M 151
BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
SCALE: 1"=20' MARCH, 2019
MORTON & PITALO, INC.



1. $R=9.50'$ $\Delta=93^{\circ}00'00''$ $N46^{\circ}57'45''W$ 13.78'
2. $R=2.50'$ $\Delta=90^{\circ}00'00''$ $N44^{\circ}32'15''E$ 3.54'
3. $N89^{\circ}32'15''E$ 9.18'
4. $N89^{\circ}32'15''E$ 9.82'
5. $R=2.50'$ $\Delta=90^{\circ}00'00''$ $N45^{\circ}27'45''W$ 3.54'
6. $R=9.50'$ $\Delta=87^{\circ}00'00''$ $N43^{\circ}02'15''E$ 13.08'

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS OF BEARINGS.



FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

SUBDIVISION NO. PL16-0170
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MORTON & PITALO, INC.

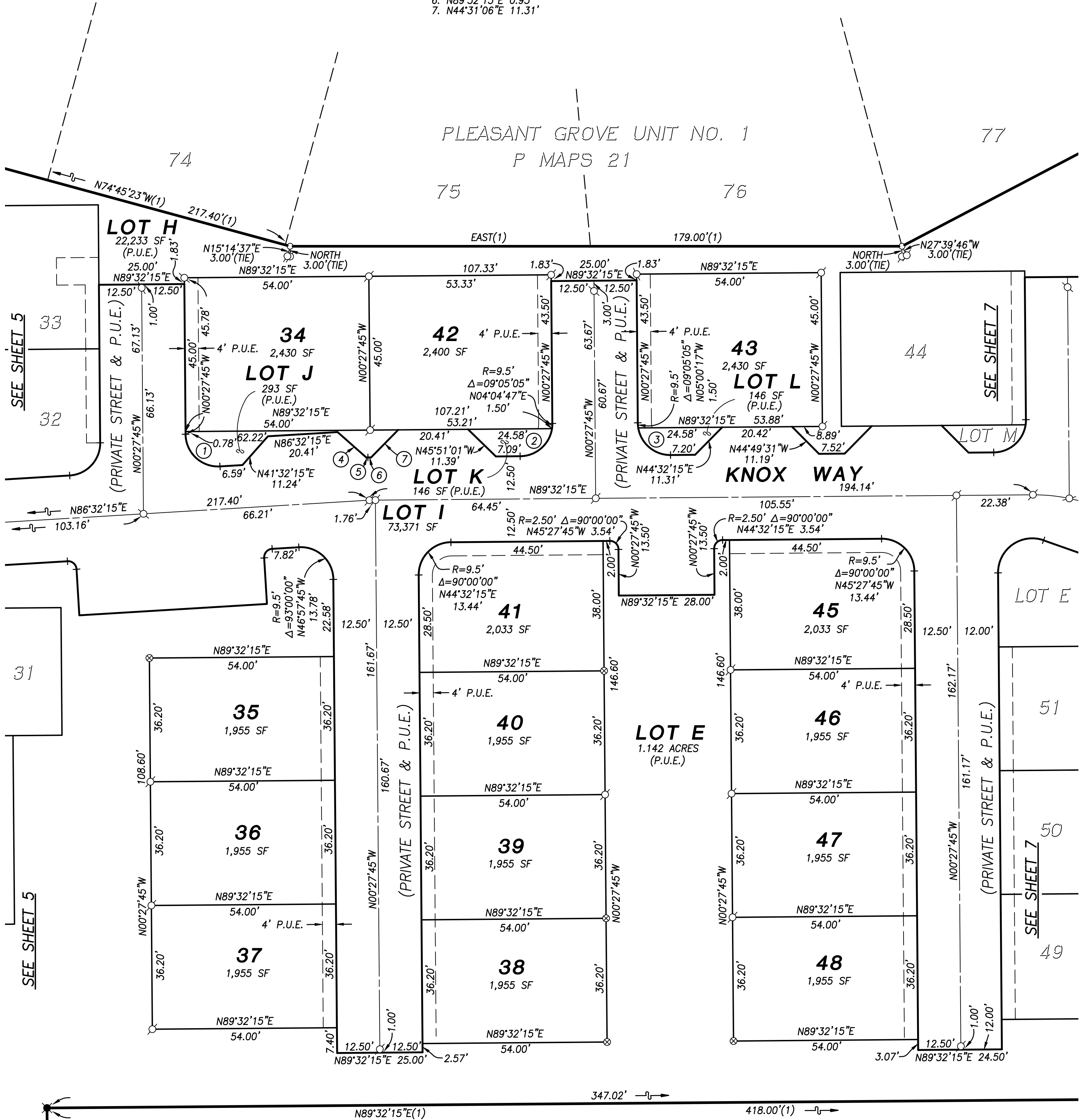


TABULATION

1. R=9.50' Δ=93°00'00" N46°57'45"W 13.78'
2. R=9.50' Δ=80°54'55" N49°04'47"E 12.33'
3. R=9.50' Δ=80°54'55" N50°00'17"W 12.33'
4. N48°27'45"W 11.24'
5. N86°32'15"E 0.46'
6. N89°32'15"E 0.93'
7. N44°31'06"E 11.31'

NOTE

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS OF BEARINGS.



BOOK _____ OF MAPS, PAGE _____

PARCEL A
BRETON VILLAGE COMMERCIAL CENTER
32 P.M. 151

FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

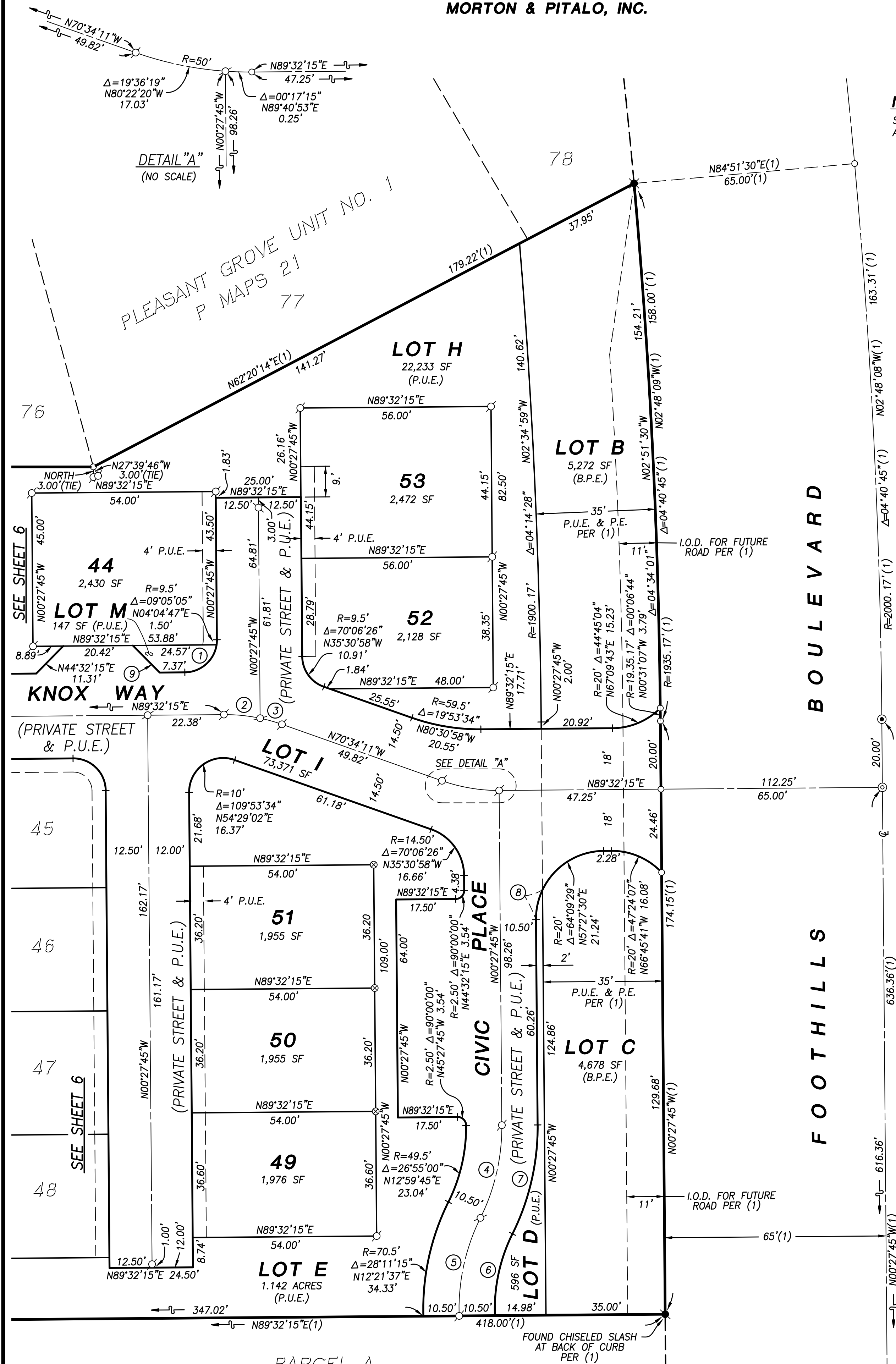
SUBDIVISION NO. PL16-0170
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BEING A PORTION OF SECTION 28, T. 11 N., R. 6 E., M.D.M.,
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
SCALE: 1"=20' MARCH 2019
MORTON & PITALO, INC.



NOTE
SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS OF BEARINGS.

TABULATION

1. R=9.50' Δ=80°54'55"
N49°04'47"E 12.33'
2. R=50' Δ=12°17'12"
N84°19'09"W 10.70'
3. R=50' Δ=07°36'22"
N74°22'22"W 6.63'
4. R=60' Δ=26°55'00"
N12°59'45"E 27.93'
5. R=60' Δ=28°24'36"
N12°14'57"E 29.45'
6. R=49.50' Δ=28°43'36"
N12°05'27"E 24.56'
7. R=70.50' Δ=26°55'00"
N12°59'45"E 32.82'
8. R=20' Δ=25°50'31"
N12°27'30"E 8.94'
9. N44°49'31"W 11.19'



PARCEL A
BRETON VILLAGE COMMERCIAL CENTER
32 P.M. 151

FINAL MAP OF
BRETON VILLAGE RESIDENTIAL

SUBDIVISION NO. PL16-0170
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CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
SCALE: 1"=60' MARCH, 2019
MORTON & PITALO, INC.



LOCAL AGENCY ADDITIONAL INFORMATION SHEET

THE ADDITIONAL INFORMATION SHOWN ON THIS SHEET IS FOR INFORMATIONAL PURPOSES AS REQUIRED BY SECTION 66434.2 OF THE SUBDIVISION MAP ACT, AS AMENDED, AND LOCAL ORDINANCES.

THE INFORMATION SHOWN HEREON DESCRIBES CONDITIONS AS OF THE DATE OF FILING. IT IS NOT INTENDED TO AFFECT RECORD TITLE INTEREST. THE INFORMATION IS DERIVED FROM PUBLIC RECORDS OR REPORTS AND DOES NOT IMPLY THE CORRECTNESS OR SUFFICIENCY OF THOSE RECORDS OR REPORTS BY THE PREPARER OF THIS ADDITIONAL INFORMATION SHEET.

(A) EACH RESIDENTIAL DWELLING CONSTRUCTED ON ANY OF THE LOTS INDICATED SHALL BE FITTED WITH A SEWER BACKFLOW VALVE AS APPROVED BY THE CITY OF ROSEVILLE. IT SHALL BE THE RESPONSIBILITY OF THE OWNER OF SAID DWELLING TO MAINTAIN THE VALVE AND PREVENT DAMAGE FROM OCCURRING THERETO. THE CITY OF ROSEVILLE SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OR PERFORMANCE OF THE VALVE, AND THE CITY OF ROSEVILLE SHALL NOT BE LIABLE FOR ANY DAMAGE OCCURRING TO ANY SUCH DWELLING, OR ITS CONTENTS, DUE TO FAILURE OF THE VALVE FOR ANY REASON WHATSOEVER.

LEGEND

*.... DENOTES SEWER BACKFLOW PREVENTER VALVE REQUIRED ON SANITARY SEWER CONNECTION BY THE CITY OF ROSEVILLE WITH THE BUILDING PERMIT AND MAINTAINED THEREAFTER BY THE OWNER.



COUNCIL COMMUNICATION

CC #: 9982
File #: 0600-02

Title: Out of State Travel Request – Electric Department
Contact: Matthew Garner 916-746-1691 mgarner@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 7.28.

RECOMMENDATION TO COUNCIL

Staff recommends City Council approve out of state travel for two Instrument and Control Technicians to attend Siemens T3000 Distributed Control System Training between May 20, 2019 and July 12, 2019 in Alpharetta, Georgia. The estimated total cost of \$27,631.52 is included in the Roseville Electric Utility's current budget.

BACKGROUND

The fiscal year 2019 budget includes \$34,200 for out of state travel for two Instrument and Control Technicians to attend a total of six Emerson Ovation Distributed Control System Training classes.

Generation management staff has determined there is greater benefit to use the budgeted funds for turbine control system training and therefore recommends sending the two Instrument & Control Technicians to a total of five Siemens T3000 Distributed Control System Training classes. One technician will attend three classes and the other will attend two. This training will support continued safe and reliable power plant turbine operations.

FISCAL IMPACT

The estimated total cost of \$27,631.52 is less than the original \$34,200 that was included in the Roseville Electric Utility's current budget.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not applicable.

ENVIRONMENTAL REVIEW

The request for travel is not considered a "project" as defined by the California Environmental Quality Act ("CEQA") (CEQA Guidelines § 15378). Consequently, no CEQA action is required.

Respectfully Submitted,

Matthew Garner, Power Generation Superintendent

Michelle Bertolino, Electric Utility Director



Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 9990

File #: 0210

Title: Sales Tax on City Purchases

Contact: Christy Cossairt 916-774-5477 ccossairt@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 7.29.

RECOMMENDATION TO COUNCIL

Staff recommends City Council authorize the Finance Department to pay an additional .5% in applicable sales tax for those contracts entered into prior to April 1, 2019 where the sole reason for any price increase is the new 7.75% sales tax rate.

BACKGROUND

In November of 2018, the residents of Roseville approved a .5% (half-cent) sales tax increase, effective April 1, 2019. As of April 1, 2019, the applicable sales tax in Roseville increased from 7.25 % to 7.75%. After approval by the voters of the new sales tax, City staff adjusted its purchasing practices to account for the new sales tax rate to try and ensure that any purchases of goods that occurred after April 1, 2019 were quoted at the higher sales tax rate. Various City departments entered into contracts prior to April 1, 2019 (some prior to November of 2018) for goods that were expected to be purchased and paid for prior to April 1, 2019, but that now, due to factors such as delivery delays, back-orders, stocking issues, etc., are not going to be purchased and paid for until after April 1, 2019. Additionally, many of these goods were part of open purchase orders for ongoing purchases where it is unknown at the time of contracting exactly when the goods will be purchased. As a result, we have several agreements for the purchase of goods where the contract price was based on the then-applicable sales tax of 7.25%, but due to the above factors, the goods are only now being delivered and paid for (post April 1, 2019). The result is contracts that have a price increase of .5%, based exclusively on the new sales tax rate. As a result, staff is requesting authority from City Council to pay an additional .5% in applicable sales tax for those contracts entered into prior to April 1, 2019 where the sole reason for any price increase is the new 7.75% sales tax rate. This one time authority will eliminate the staff time required to take each separate contract back to City Council for amendment, thereby increasing efficiency and ensuring timely payment to our vendors.

FISCAL IMPACT

This will result in a .5% price increase on the impacted contracts, but will ultimately not result in a fiscal loss, as the new .5% sales tax will come back to the City of Roseville in the form of sales tax

revenue.

ECONOMIC DEVELOPMENT / JOBS CREATED

Not Applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). Authorization to pay applicable sales tax does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Christy Cossairt, Accounts Payable Supervisor

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal stroke, positioned above a horizontal line.

Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 0002
File #: 0600-01

Title: International Brotherhood of Electrical Workers Local 1245 - Memorandum of Understanding
Contact: Stacey Peterson 916-774-5374 slpeterson@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 8.1.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Adopt a resolution approving the attached International Brotherhood of Electrical Workers (IBEW) Memorandum of Understanding;
2. Adopt three ordinances to approve the attached IBEW Salary Schedule A, Salary Schedule A-2 and Salary Schedule B (Appendix A) reflecting labor market adjustments.

BACKGROUND

The Memorandum of Understanding between the City and IBEW employees expired on December 31, 2018. The City's goals have been to ensure it is competitive in the marketplace on recruitment and retention among comparable agencies while maintaining fiscal responsibility. The City is seeking to be consistent wherever appropriate and practical with the various employee groups. In particular, the City has strived to achieve internal equity among the employee group's medical benefits for current employees, salary relationships on individual classifications to the market median among comparable agencies, except for job classifications in the electric utility set at the 75th percentile of the market, taking into account recruitment and retention concerns, and strategies to contain pension costs.

RECOMMENDATION

After numerous bargaining sessions, the City and IBEW reached a tentative agreement on April 3, 2019. The tentative agreement was ratified by the IBEW membership by close of business on April 10, 2019.

The significant provisions of the agreement are as follows:

Term

The term covers three years ending April 30, 2022.

Salaries and Benefits

Adjustments to the salaries fall in two categories: those that address labor market and those that address general salary increases across the group.

1. Labor Market Adjustments

The recommended labor market adjustments are the result of a comprehensive total compensation study that was completed using comparator agencies. The labor market adjustments are being recommended for classifications behind the 75th percentile for electric positions or market median. The recommended adjustments were capped at ten percent.

A. Due to the volatile and competitive nature of the electric utilities labor market, the following adjustments will be made to the base hourly rate for all classifications listed in Appendix "A" "A2", which will be increased by 2% or the Labor Market Adjustment listed below if the Labor Market Adjustment is greater than 2%, effective April 27, 2019:

Job Title	Salary Schedule B	Salary Schedule A
Electric Apprentice Line Technician	1.6663%	1.6663%
Electric Drafting Technician I	9.9869%	9.9869%
Electric Drafting Technician II	10.0000%	10.0000%
Electric Line Technician	1.6664%	1.6664%
Electric Line Troubleshooter	1.6665%	1.6665%
Electric Materials Technician I	7.7944%	7.7944%
Electric Materials Technician II	7.7943%	7.7943%
Electric Pre-Apprentice	1.6663%	1.6663%
Electric Preventive Data System Technician	7.8040%	7.8040%
Electric System Dispatcher	1.6662%	1.6662%
Electric Technology System Technician	10.0000%	10.0000%
Electric Utility Inspection Technician	1.6662%	1.6662%
Electric Utility Technician I	0.8026%	0.8026%
Electric Utility Technician II	0.7966%	0.7966%
Instrument and Control Technician	10.0000%	10.0000%
Materials Technician	4.7986%	4.7984%
Plant and Equipment Maintenance Worker I	5.1380%	5.1380%
Plant and Equipment Maintenance Worker II	4.7927%	4.7927%
Plant and Equipment Mechanic I	4.8001%	4.8001%
Plant and Equipment Mechanic II	4.8000%	4.8000%
Power Engineer I	3.6574%	3.6574%
Power Engineer II	3.6535%	3.6535%
Power Plant Engineer I	3.6574%	3.6574%
Power Plant Engineer II	3.6535%	3.6535%
Power Plant Mechanic	10.0000%	10.0000%
Power Plant Operator Technician I	7.3176%	7.3176%
Power Plant Operator Technician II	7.3165%	7.3165%
Senior Electric Line Technician	1.6662%	1.6662%
Senior Electric Materials Technician	7.7933%	7.7933%
Senior Electric Metering Technician	0.7966%	0.7966%
Senior Electric Substation Technician	0.7966%	0.7966%
Senior Electric System Dispatcher	1.6664%	1.6664%
Senior Electronic Technician	0.0000%	0.0000%
Senior Plant and Equipment Mechanic	4.8098%	4.8098%
Senior Power Plant Operator Technician	7.3188%	7.3188%
Senior Wastewater Utility Maintenance Worker	1.0739%	1.0739%
Senior Water Distribution Worker	1.0739%	1.0739%
Traffic Signal Maintenance Worker I	1.3000%	1.3000%
Traffic Signal Maintenance Worker II	1.2999%	1.2999%
Wastewater Utility Maintenance Worker I	1.3000%	1.3000%
Wastewater Utility Maintenance Worker II	1.3000%	1.3000%
Water Conservation Specialist	1.0739%	1.0739%
Water Conservation Worker I	1.3000%	1.3000%
Water Conservation Worker II	1.3000%	1.3000%
Water Distribution Worker I	1.3000%	1.3000%
Water Distribution Worker II	1.3000%	1.3000%

B. Labor Market Adjustment – first full pay period in May 2020

A total compensation study will be conducted by February 2020 to determine the job classifications behind the labor market, which will be reviewed with IBEW during March 2020.

Staff will present the results of the study to Council with recommended labor market adjustments for approval prior to the first full pay period in May 2020.

C. Labor Market Adjustment – first full pay period in May 2021

A total compensation study will be conducted by February 2021 to determine the job classifications behind the labor market, which will be reviewed with IBEW during March 2021. Staff will present the results of the study to Council with recommended labor market adjustments for approval prior to the first full pay period in May 2021.

2. Health and Welfare Benefit

A \$30 per month increase in the City Flex Credit is recommended in each year of the contract. Currently, the total health contribution provided by the City is \$1,515 per month, including both the City medical contribution (\$1,347/mo.) and Flex Credit benefit (\$168/mo.). The following is a summary of the recommended Flex Credit benefit increase:

December 2019

\$30/month for a total monthly flex credit of \$198/mo.

December 2020

\$30/month for a total monthly flex credit of \$228/mo.

December 2021

\$30/month for a total monthly flex credit of \$258/mo.

3. Sick Leave Payout

Accrued sick leave hours will only be paid out based on the established schedule to employees who retire from the City to promote retention with the City.

4. Compensated Time Off (CTO)

Maximum accumulation of compensatory time shall be reduced from two hundred forty (240) hours to a cap of one hundred sixty (160) hours. IBEW has a provision that restricts the use of CTO to no more than 80 hours each calendar year.

FISCAL IMPACT

There is no General Fund Impact as the positions represented by IBEW are all allocated in the Enterprise Funds. The current total annual salary and benefit cost to the Enterprise Fund for the 180 full-time positions in IBEW is \$25,195,036.00. The additional ongoing incremental cost for each calendar year of the 3 year term of the successor MOU is as follows:

	<i>Incremental Calendar Year 1*</i>	<i>Incremental Calendar Year 2</i>	<i>Incremental Calendar Year 3</i>
Wages:			
Labor Market Adjustment	\$335,330	TBD***	TBD****
General Salary Increase	91,477		

Other costs:			
Pension**	120,970		
Health (eff Dec 1 st)	2,942	35,186	33,797
Deferred compensation	7,417		
Retiree Health (OPEB)	22,221		
Taxes (Medicare, SUI)	8,323		
Total Incremental Cost	\$588,680	TBD***	TBD****

**Cost for 16 pay periods in the year*

***This incremental pension cost results only from the negotiated wage increase and does not include the cost of anticipated PERS rate changes. The terms and conditions of the pension benefit plan remain unchanged.*

****The value of 1% of total compensation projected for Year 2 is \$261,469.*

***** The value of 1% of total compensation projected for Year 3 is \$261,469.*

While the incremental cost of the negotiated agreement for calendar year 2019 is projected to be \$588,680.00 (2.28% of total compensation), the increases are compounding and therefore the projected total salary and benefit cost increase for the items specified above is \$2,489,386.00, not accounting for the cost in year 2 and 3 of the Labor Market study to maintain salaries at market consistent with the City salary philosophy. Prior to implementation in May 2020 (year 2) and 2021 (year 3), the cost to maintain salaries at market consistent with the City salary philosophy will be presented to Council for approval.

The cost of the successor IBEW MOU in FY2018-19 is \$109,826, based on 4 pay periods remaining. The cost to the current fiscal year will be covered by funds included in the FY2018-19 budget; no budget adjustment is needed.

ECONOMIC DEVELOPMENT / JOBS CREATED

No new jobs will be created by this action.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). Adoption of a Memorandum of Understanding does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Stacey Peterson



ATTACHMENTS:
Description

Resolution No. 19-196

IBEW Successor MOU

Ordinance No. 6086

IBEW A Salary Schedule

Ordinance No. 6087

IBEW A2 Salary Schedule

Ordinance No. 6088

IBEW B Salary Schedule

RESOLUTION NO. 19-196

APPROVING A MASTER MEMORANDUM OF UNDERSTANDING FOR ELECTRIC
PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF
ELECTRICAL WORKERS, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT
ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a Master Memorandum of Understanding for electric personnel represented
by the International Brotherhood of Electrical Workers, has been reviewed by the City Council;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that
said Master Memorandum of Understanding is approved and that the City Manager is authorized
to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the City Council of the City of Roseville this _____ day
of _____, 20____, by the following vote on roll call:

AYES COUNCIL MEMBER:

NOES COUNCIL MEMBER:

ABSENT COUNCIL MEMBER:

Mayor

ATTEST:

City Clerk

Master Memorandum of Understanding

International Brotherhood of Electrical Workers, Local 1245



Term of Agreement:
January 1, 2019 – April 30, 2022

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MASTER MEMORANDUM OF UNDERSTANDING

CHAPTER 1. ADMINISTRATIVE

ARTICLE I. PARTIES TO UNDERSTANDING

This Memorandum of Understanding (MOU), also referred to as the Agreement, relates to issues within the scope of representation existing between the CITY OF ROSEVILLE, CALIFORNIA, (hereinafter referred to as "CITY"), and the INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, LOCAL #1245 (hereinafter referred to as "UNION"), and those employees occupying the classes listed in Appendix "A" and "A2", attached hereto and incorporated herein by this reference.

ARTICLE II. RECOGNITION

Pursuant to the Meyers-Milias-Brown Act, the City recognizes the International Brotherhood of Electrical Workers, Local #1245 as the exclusive representative for all employees in the bargaining unit as provided by Chapter 3.17 of the Roseville Municipal Code (also known as the City's Personnel Rules).

ARTICLE III. STATE LAW COMPLIANCE

This Memorandum of Understanding complies with the provisions of Section 3500 et seq. of the Government Code of the State of California in that the Employer-Employee representatives noted herein did meet and confer in good faith and did reach agreement on those matters within the scope of representation as specified herein.

ARTICLE IV. CITY COUNCIL APPROVAL

It is the mutual understanding of the parties hereto that this Memorandum of Understanding is of no force or effect in regard to matters within the authority of the City Council until such matters are submitted to, and accepted by, the City Council.

ARTICLE V. CONTINUATION OF BENEFITS

Except as otherwise provided herein, this Memorandum of Understanding does not modify existing benefits contained in the current salary ordinance and other compensation benefits or in the Personnel Ordinance (Municipal Code Title 3 also referred to as Personnel Rules). Such benefits shall remain unmodified and shall continue in full force and effect throughout the term of this MOU.

ARTICLE VI. SEVERABILITY OF AGREEMENT

This MOU is severable. Should any article, section, or portion thereof of this Agreement be held unlawful and unenforceable by any court of competent jurisdiction, such decision of the court shall only apply to the specific article, section, or portion thereof directly specified in the decision, and the remainder of this Agreement shall not be affected thereby.

ARTICLE VII. TERM OF UNDERSTANDING

This Memorandum of Understanding incorporates all modifications regarding wages, hours and other terms and conditions of employment. This Memorandum of Understanding shall be effective as of the first full pay period after City Council approval and shall expire on April 30, 2022. All existing benefits

shall continue in full force until a subsequent agreement is reached. Should either party desire to commence the Meet and Confer process for the next subsequent Memorandum of Understanding, they shall notify the other in writing no earlier than one hundred twenty (120) days prior to the expiration date of this Agreement. With the parties' mutual agreement, the notification and Meet and Confer process may begin earlier than one hundred twenty (120) days prior to the expiration date of this Agreement.

CHAPTER 2. COMPENSATION

ARTICLE I. SALARIES

A. SALARY

1. Labor Market Adjustments: Effective April 27, 2019, the base hourly rate for all classifications listed in Appendix "A" "A2" will be increased by 2% or the Labor Market Adjustment listed below if the Labor Market Adjustment is greater than 2%:

Job Title	Salary Schedule B	Salary Schedule A
Electric Apprentice Line Technician	1.6663%	1.6663%
Electric Drafting Technician I	9.9869%	9.9869%
Electric Drafting Technician II	10.0000%	10.0000%
Electric Line Technician	1.6664%	1.6664%
Electric Line Troubleshooter	1.6665%	1.6665%
Electric Materials Technician I	7.7944%	7.7944%
Electric Materials Technician II	7.7943%	7.7943%
Electric Pre-Apprentice	1.6663%	1.6663%
Electric Preventive Data System Technician	7.8040%	7.8040%
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Power Plant Operator Technician I	7.3176%	7.3176%
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Senior Electric Metering Technician	0.7966%	0.7966%

Senior Electric Substation Technician	0.7966%	0.7966%
Senior Electric System Dispatcher	1.6664%	1.6664%
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Senior Power Plant Operator Technician	7.3188%	7.3188%
Senior Wastewater Utility Maintenance Worker	1.0739%	1.0739%
Senior Water Distribution Worker	1.0739%	1.0739%
Traffic Signal Maintenance Worker I	1.3000%	1.3000%
Traffic Signal Maintenance Worker II	1.2999%	1.2999%
Wastewater Utility Maintenance Worker I	1.3000%	1.3000%
Wastewater Utility Maintenance Worker II	1.3000%	1.3000%
Water Conservation Specialist	1.0739%	1.0739%
Water Conservation Worker I	1.3000%	1.3000%
Water Conservation Worker II	1.3000%	1.3000%
Water Distribution Worker I	1.3000%	1.3000%
Water Distribution Worker II	1.3000%	1.3000%

2. Labor Market Adjustments: Effective the first full pay period in May 2020 and May 2021:

The parties agree to meet and confer over the Labor Market adjustment methodology. The meet and confer will include reviewing whether it is appropriate to use the same benchmark job classifications and agencies used in the 2018 Total Compensation Study. Because the parties intend to have February 1, 2020 as the effective date of the Total Compensation Study survey for the first pay period in May 2020 Labor Market adjustments, the parties agree to complete the meet and confer no later than November 1, 2019. Market survey data will be reviewed by the parties on or before March 1, 2020 with an effective date of the first full pay period in May 2020 for market increases.

The Total Compensation Study shall be based on the same salary and benefit elements and methodology used in the 2018 Total Compensation Study for each classification, which include:

- Minimum Base Salary
- Maximum Base Salary
- Employee's Portion of PERS Paid by the Employer (%)
- Employee's Portion of PERS Paid by the Employer
- Deferred Compensation
- Longevity Pay (Year 10)
- Maximum Education/Certification Pay
- Education/Certification Pay Notes
- Cafeteria Plan
- Health (Most Expensive Plan)
- Dental
- Vision
- Life Insurance
- Long-Term Disability Insurance
- Retiree Health Savings Account (RHSA)
- Social Security/Medi-Care
- Employee Contributions Towards RHSA

Employer Portion of Retirement Paid by the Employee

a. 2020 Labor Market Adjustments

After the meet and confer is completed, the Total Compensation Study will be prepared at the City's expense and the City will provide a draft of the result of the Total Compensation Study to IBEW 1245 for comments and to review for accuracy no later than March 1, 2020. IBEW 1245 will provide any comments regarding the accuracy of the Total Compensation Survey no later than April 1, 2020. Salary increases, if applicable, for the surveyed classifications that are behind market median, and their related internal relationships, will be implemented in the first pay period in May 2020 for Salary Schedule B and Salary Schedule A.

b. 2021 Labor Market Adjustments

The Total Compensation Study will be prepared at the City's expense and the City will provide a draft of the result of the Total Compensation Study to IBEW 1245 for comments and to review for accuracy no later than March 1, 2021 for the 2021 Labor Market Adjustments. IBEW will provide any comments regarding the accuracy of the Total Compensation Survey no later than April 1, 2021. Salary increases, if applicable, for the surveyed classifications that are behind market median, and their related internal relationships, will be implemented in the first pay period in May 2021 for Salary Schedule B and Salary Schedule A.

3. Annual Merit Step Increases

- A. Effective January 9, 2016, all employees hired before January 1, 2016 will remain on salary schedule (A) for all listed classifications in the bargaining unit. All such employees will continue on this salary schedule when promoted or transferred to other classifications within the bargaining unit.
- B. Effective January 9, 2016, salary schedule (B) will apply to new hires for all listed classifications in the bargaining unit. The salary steps for the new salary schedule will be approximately 2.5% for each classification in the bargaining unit. For purposes of this provision, any employee who was initially hired before January 1, 2016 that had a break in City service and was rehired after January 1, 2016 will be deemed a newly hired employee under this provision.

B. REGISTRATION AND CERTIFICATION PAY

- 1. A five percent (5%) differential will be paid to employees in the classifications of Power Engineer I/II who possess a California Professional Engineer Certificate (PE).
- 2. Employees in the classifications of Electric System Dispatcher and Senior Electric System Dispatcher who possess a NERC certificate as of July 20, 2011, will have the ability to earn three percent (3%) certification pay for maintaining their certification.
- 3. Management staff will designate a maximum of five (5) Electric and three (3) Environmental Utilities maintenance staff to obtain and maintain a crane certification. The designated employees will be compensated at a rate of two and one-half percent (2.5%) higher than their existing pay range.

4. Management staff will designate the number of employees who need to maintain a DOT Tanker Endorsement based on operational needs. The designated employees who possess the required DOT Tanker Endorsement will be compensated at a rate of one percent (1%) higher than their base hourly pay rate.
5. Management staff will designate the number of employees who need to possess a USA Locates certification based on operational needs. The designated employees who possess the required USA Locates certification will be compensated at a rate of one percent (1%) higher than their base hourly pay rate.
6. Represented employees in the Environmental Utilities Department will have the ability to earn a maximum of five percent (5%) in certification pay. Management staff in the Environmental Utilities Department will designate an appropriate number of staff from Water Distribution and an appropriate number of staff from Wastewater Collection to maintain their Class A driver's license and operate Class A vehicles/equipment as needed based on the business needs of the City. Once certified, the designated employees will be compensated at a rate of two and one-half percent (2.5%) higher than their existing pay range. Employees also have the opportunity to earn certification pay in the following areas:

	Water Distribution	%	Wastewater Collection	%
Senior	Cross Connection Control Specialist	1%	CWEA Grade 3 or Grade 4 (cumulative)	1%
	Backflow Tester Certification	1%	Collection System Maintenance	1%
	Distribution Operator Grade 4 or Grade 5 (DPH)(cumulative)	1%	Environmental Compliance Inspection	1%
	Treatment Operator Grade 1, 2, 3, 4, or 5 (DPH) (non cumulative)	1%	Crane Certification (max six staff in series to be appointed by EU management staff)	2.5%
	Crane Certification (max six staff in series to be appointed by EU management staff)	2.5%		
Worker I and II	Cross Connection Control Specialist	1%	CWEA Grade 2, Grade 3 or Grade 4 (cumulative)	1%
	Backflow Tester Certification	1%	Collection System Maintenance	1%
	Conservation Certification	1%	Environmental Compliance Inspection	1%
	Distribution Operator, Grade 3, 4 or 5 (DPH) (cumulative)	1%	Crane Certification (max six staff in series to be appointed by EU management staff)	2.5%
	Treatment Operator Grade 1, 2, 3, 4, or 5 (non-cumulative)	1%		
	Crane Certification (max six staff in series to be appointed by EU management staff)	2.5%		

	<u>Water Efficiency</u>	<u>%</u>
<u>Water Conservation Worker II</u>	<u>Water Use Efficiency Practitioner Grade 1, 2, 3 (AWWA) (cumulative)</u>	<u>1%</u>
	<u>Distribution Operator Grade 2 (DPH)</u>	<u>1%</u>

<u>Water Conservation Worker I</u>	<u>Water Use Efficiency Practitioner Grade 1, 2 (AWWA) (non-cumulative)</u>	<u>1%</u>
	<u>Distribution Operator Grade 1,2 (DPH) (non-cumulative)</u>	<u>1%</u>
	<u>Certified Landscape Irrigation Auditor (CLIA)</u>	<u>1%</u>
<u>Water Conservation Specialist</u>	<u>Water Use Efficiency Practitioner Grade 2, 3 (AWWA) (cumulative)</u>	<u>1%</u>
	<u>Distribution Operator Grade 2 (DPH)</u>	<u>1%</u>

C. SPANISH SPEAKING PAY DIFFERENTIAL

City shall compensate employees who are certified by the Human Resources Department as Spanish speaking at the rate of \$46.15 bi-weekly (\$100.00 per month).

D. FUTURE SALARY INCREASES

The parties agree to continue to meet during the term of the MOU to determine revenue increase thresholds that would lead to future salary increases.

ARTICLE II. OVERTIME

Pursuant to Section 3.11.070 of the City's Personnel Rules, the following section shall govern overtime provisions of this Agreement:

- A. Overtime work may be required of any employees in order to meet special or unusual needs of service beneficial to the City and community. Overtime is defined as the number of hours worked in excess, and as an extension, of the normal schedule of work hours as illustrated below:

	EMPLOYEE WORK SCHEDULE	OVERTIME
1.	Eight hours per day, five days per week (5/8 Plan)	Over eight hours per day and forty hours per week
2.	Ten hours per day, four days per week (4/10 Plan)	Over ten hours per day and forty hours per week
3.	A flex-time schedule approved by the City Manager	Over the prescribed number of hours per day in writing.

For purposes of this section, holidays, sick leave, vacation, Personal Leave Time (PLT) compensatory time off (CTO), and floating holidays are time worked for purposes of computing overtime. The following leave hours are not to be considered to be hours worked for purposes of computing overtime: Workers'

Compensation, leave without pay requested by the employee, suspension or disciplinary action and a short work week worked by a new employee.

No employee shall be required to work overtime during any scheduled workweek in which the employee is on an unpaid status as a result of disciplinary action.

- B. Incidental overtime, defined here as less than eight (8) minutes nonrecurring extension of the workday/shift, is not compensable in any form.
- C. Overtime shall be compensable in increments of fifteen (15) minutes.
- D. Overtime shall be compensable at the rate of one and one-half (1 ½) the employee's base hourly rate except as noted in Subsection F or G of this section.
- E. Shift Extension. If an employee is called to work early or is worked beyond their normal work shift, compensation for overtime shall be calculated in accordance with Subsection C of this section.
- F. Regular employees working outside of their regularly scheduled shift in the Department shall be compensated at double the employee's base hourly rate when working between the hours of 8:00 p.m. to 6:00 a.m. Overtime hours worked before or after the hours noted above will be paid in accordance with Subsection D.
- G. A non-shift employee shall be compensated at double the employee's base hourly rate when working on a scheduled holiday. A shift employee who works on a holiday shall be compensated in accordance with Subsection D.
- H. An employee responding to a call for assistance from an outside agency (Mutual Aid Agreement) shall be compensated at double the employee's base hourly rate.
- I. Compensatory Time Off (CTO): Maximum accumulation of compensatory time shall be reduced as follows:
 - a. Effective January 1, 2020, the maximum accumulation of CTO shall be one hundred sixty (160) hours;
 - b. Employees with CTO balances above the maximum cap on January 1, 2020 shall be allowed to maintain said balances but shall not be allowed to accrue additional CTO hours until their balance drops below the cap identified above that respective year.

ARTICLE III. CALL BACK

- A. All call backs shall be for a minimum of two (2) hours and will be compensated in accordance with ARTICLE II. OVERTIME. Subsequent calls that occur during a two-hour callback and extend past the original two-hour call shall be compensated for actual time worked.
- B. When the two (2) hours of a call back overlap a regularly scheduled shift the employee will be compensated at the overtime rate up to the start of his/her regularly scheduled work shift.
- C. If an employee's work shift has not ended and the employee must respond to a call requiring immediate action that extends beyond the end of the employee's shift, it is considered a continuation of the shift and is subject to pay based on the actual time. If the employee's shift has ended and the employee has to return to work to address a call requiring immediate action, the employee is entitled to a two (2) hour minimum period of overtime at the appropriate rate.

- D. Standby Employees, as defined in Chapter 2, Article VI, will receive one half (1/2) hour compensation at the appropriate rate of pay when needed assistance can be appropriately handled over the phone and the employee is not required to physically respond to work.
- E. Non-Standby employees will receive one (1) hour compensation at the appropriate rate of pay when needed assistance can be appropriately handled over the phone and the employee is not required to physically respond to work.

ARTICLE IV. SERVICE TERM BONUS

- A. The City agrees to provide the following service term bonus for employees hired prior to May 5, 2012:

<u>SERVICE TERM</u>	<u>ANNUAL BONUS AMOUNT</u>
Beginning of the 10th year and every year thereafter	2.5% of base salary
Beginning of the 15th year and every year thereafter	2.5% of base salary

- B. Such service term bonus shall be included in each eligible employee's bi-weekly payroll.
- C. Employees hired after May 5, 2012 will not be eligible for the service term bonus.

ARTICLE V. PROMOTION

Any employee who is promoted to a position in a class with a higher salary range shall be placed in the step in the new higher range, which is at least a ten percent (10%) increase over the employee's current salary step. In the event that the top step in the new range is less than ten percent (10%), the employee will then be assigned to the top step on the new salary range.

ARTICLE VI. STANDBY

The following provisions and EOP 2.0 City Standby Policy apply to represented employees. The number of available employees assigned to serve the standby needs of the department determines the application of provision A below.

- A. Employees assigned to standby duty shall be compensated per the following schedule:

Monday-Friday Standby	1 ½ hours straight time rate per day
Saturday, Sunday & Holiday Standby	3 hours straight time rate per day
Weekly Standby	13.5 hours straight time rate per week

Employees shall not be assigned standby on their flex day, unless such employee volunteers.

- B. Employees will be provided a cell phone when assigned to standby.
- C. The department shall make standby assignments voluntary whenever practical.
- D. The City reserves the right to schedule standby as needed.

- E. Such payment shall be in addition to the overtime payments, which may be payable for call backs, pursuant to City Personnel Rules and Regulations. An employee on standby may be authorized to take a City vehicle home, provided the employee lives within the area bounded by heavy black lines on the attached map (Appendix "X").

ARTICLE VII. WORKING OUT OF CLASS (Refer to Personnel Rules Section 3.07.080)

The principle for paying employees for performing higher level job responsibilities due to operational necessity is based on such considerations as: the employee's ability and qualifications to perform at a higher level, whether the employee would be required to perform only routine or a significant range of the higher job responsibilities, whether the lower level position is in direct line and job scope of the higher class, and the length of time necessary for an employee to perform in a higher class.

The purpose of compensating employees for performing work in a higher class is to establish a system by which employees will continuously receive a pay rate comparable to those job factors that establish pay for each class of work in City service. Authorization for an assignment to work in a higher class must be given by the employee's supervisor and, except under emergency circumstances, requires advance approval of the department head, Human Resources Director and City Manager. The following conditions shall prevail as the definition and standards of compensation:

- A. Employees are required to work at least four (4) hours in the higher class to receive the higher class pay, except in classifications where employees are required to operate heavy equipment that is paid at a higher level; in such cases employees will be eligible for higher class pay after one (1) hour of continuous work.
- B. In the event that an employee is required to work in the higher class due to a call back, the employee shall receive out of class pay on an hour-for-hour basis with no minimum amount of time required to serve in the higher class.
- C. Compensation in excess of an employee's regular base salary rate shall not be authorized for work in a higher class unless such employee is in all respects qualified to perform in the higher class and required to perform at least a substantial range of the more essential tasks of the higher class. Additionally, if an employee is temporarily assigned to perform work that is generally within the scope of their current class, but the work assignment is normally performed by a higher class due to the nature or scope of such work, then the temporarily assigned employee shall not receive additional compensation for performance of their normal and customary duties as prescribed by their regular classification.
- D. Employees assigned to work in a higher class, who are both qualified and required to perform at least a substantial range of the higher tasks, shall be compensated for the actual number of hours worked in the higher class as follows:
 - 1. Compensation shall be five percent (5%) more than the employee's current salary rate in the lower class unless the difference between classifications is less than five percent (5%). In the event that the top step in the higher range is less than five percent (5%), the employee will be compensated at the top step in the higher class.

EXCEPTION: Employees assigned as a Senior Electric Line Technician, senior water distribution worker or senior wastewater utility maintenance worker classification shall be compensated ten percent (10%) more than the employee's current salary rate in the lower class.

2. For employees assigned to management classifications the compensation shall be ten percent (10%) more than the employee's current salary rate in the lower class. In the event that the top step in the higher range is less than ten percent (10%), the employee will be compensated at the top step in the higher class.
3. Work periods in higher class assignments shall not apply toward seniority or time-in-class considerations for layoff purposes as regards the higher class.
4. Temporary Acting Pay

An employee temporarily assigned in writing to an acting position in a classification with a higher salary range shall be compensated for the duration of the acting assignment by the payment of ten percent (10%) of the regular salary the employee received prior to the acting assignment, or the salary provided for in Step A of the higher classification, whichever is greater, but not to exceed top step of the higher classification for all time worked and any leave time paid. The higher classified position must be temporarily vacant due to a long-term absence of the incumbent or pending the filling of a vacant position. The temporary acting pay assignment shall be for a minimum of two full-time pay periods and limited to one year. Authorization for a temporary acting assignment must be given by the employee's supervisor and requires advance approval of the Department Head, Human Resources Director and City Manager.

CHAPTER 3. LEAVES

ARTICLE I. VACATION LEAVE

The purpose of vacation leave is to provide eligible employees the opportunity to take paid time off from their job responsibilities in order to maintain a high standard of mental, emotional and physical conditioning.

- A. Eligibility: All regular, full-time and part-time employees in the classified service shall be entitled to annual vacation leave with pay. Each employee will earn and accrue vacation hours pursuant to the accrual schedule as noted in subsection B. Exceptions to this provision shall only be granted in unusual circumstances substantiated by the department head in a recommendation to the City Manager who may approve or disapprove such variances.
- B. Accrual: Each regular classified employee shall earn and accrue vacation leave with pay as follows:

Service Category	Biweekly Accrual	Days/Year Equivalent	Max.Hrs. Accrual
New employee to completion of 4th year	3.693 hr.	12 days	240
Start of 5th year to completion of 9th year	4.307 hr.	14 days	280
Start of 10th year to completion of 14th year	4.923 hr.	16 days	320
Start of 15th year to completion of 19th year	5.538 hr.	18 days	360
Start of 20th year and succeeding years	6.153 hr.	20 days	400

1. As noted in Subsection A, new employees shall earn vacation at the bi-weekly rate shown above from the hire date. Eligible employees shall advance to the next higher rate of accrual upon completion of the maximum number of years at the lower accrual rate, and shall begin to accrue at the higher rate at the start of their qualifying year. Part-time employees shall receive a pro-rated accrual.
2. Except as provided in Section B, an employee's maximum accrual of vacation hours may not exceed two and a half (2 1/2) the employee's annual accrual rate as specified above, and an employee will stop earning and accruing vacation hours while the employee's accrual remains at the maximum allowed under this Section B. One (1) month prior to the employee's anniversary date, the department head shall review the number of hours accrued by the employee.
3. If the amount exceeds specified limits, the employee shall take the excess number of vacation hours up to a maximum of twenty (20) hours prior to the anniversary date or, if operational necessity will not permit taking such time, the employee may be paid the straight

time hourly equivalent. Additionally, the maximum vacation hours an employee may accrue will be extended when an employee is on disability leave, jury duty, or military leave as provided in these rules. The employee shall be allowed to liquidate such excess accrual within thirty (30) calendar days following return to duty, by means of taking such time up to a maximum of twenty (20) hours or receiving the straight time hourly equivalent in compensation.

- C. Use: Per Section 3.12.060(C) of the Roseville Municipal Code, an employee may elect to take all or part of earned vacation, or may carry over to the next service year all or part of earned vacation as approved by the department head and consistent with the provisions of Subsection B. However, the dates and amount of vacation selected by the employee shall be subject to approval of the department head. Vacation leave shall generally be taken in minimum increments of one (1) full work day/work shift, except that unusual, emergency, necessary, and infrequent use of vacation leave may be granted in one (1) hour increments.

Employees must request the vacation at least ten (10) workdays prior to the desired start of vacation leave. Under unusual or personal emergency circumstances, employees may request, and department heads may consider the approval of, vacation leave with fewer than ten (10) working days' notice. In the event it becomes necessary to call an employee back to work from a scheduled vacation, the employee shall be credited with the unused vacation hours and shall have the opportunity to take such remaining vacation leave at a time of the employee's choosing and the department head's approval.

- D. Holidays Within Vacation Leave: Holidays that occur during a scheduled vacation period shall be counted as a holiday. Employees may request in advance that they extend their vacation leave by the number of holidays occurring within their scheduled leave, or they may request fewer vacation hours which, together with the holiday(s), will comprise the total time period of their scheduled leave.

ARTICLE II. HOLIDAYS

Pursuant to Section 3.12.140 of the City's Personnel Rules, the following shall constitute the City's practice regarding holidays:

- A. The following holidays shall be observed by the City with respect to all employees. City offices shall be closed on these days except as otherwise provided herein.
1. January 1 (New Year's Day).
 2. The third Monday in January (Martin Luther King's Birthday).
 3. The third Monday in February (Washington's Birthday).
 4. The last Monday in May (Memorial Day).
 5. July 4 (Independence Day).
 6. The first Monday in September (Labor Day).
 7. November 11 (Veteran's Day).
 8. The day in November appointed by the President of the United States as Thanksgiving Day.
 9. The day immediately following Thanksgiving Day.
 10. December 25 (Christmas).
 11. Sixteen (16) hours (floating Holiday) to be taken any time during the calendar year by employees who have completed at least six (6) months prior service (pro-rated for modified schedule employee). The employee and the employee's supervisor shall jointly determine a convenient date. Upon separation from service, if an employee has taken more holidays in advance than have been earned during the fiscal year, the City shall deduct an equivalent

amount of pay for the holidays taken in advance from the employee's final paycheck, or such amount shall otherwise be owed to the City by the employee.

- B. The following non-reoccurring holidays shall be observed in any year in which they occur:

Every day appointed by the President of the United States or the Governor of the State of California for a public fast, thanksgiving, or holiday (except Admission Day).

- C. If January 1, July 4, November 11, or December 25 falls on a Saturday, the preceding Friday shall be a holiday; if any such day falls on a Sunday, then the following Monday shall be a holiday.

If a holiday occurs on the employee's first normal day off, the employee shall take the preceding day as the holiday; however, if the holiday occurs on the employee's second consecutive normal day off, the employee shall take the following day as the holiday. This policy shall be adhered to where practical and may be modified only by written consent to other conditions by the department head.

ARTICLE III. SICK LEAVE

- A. Refer to Section 3.12.070 of the Personnel Rules, section A – I, which will be modified to pay out sick leave upon retirement and exclude separations.

- B. Payment for Unused Sick Leave Upon Retirement:

Payment for unused sick leave is authorized by the City as a means of rewarding employees who have made conscientious efforts to maximize their attendance on the job.

1. Non-probationary employees shall be entitled to a minimum payment as follows: (1) for sick leave accrued (not pro rata) up to their date of retirement. However, employees whose separation is caused by dismissal shall not be entitled to payment for unused sick leave.
2. No more than the maximum sick leave amount listed in the tables below may be used in ascertaining the amount of time for which the employee will be compensated at time of retirement. Payment will be determined as follows:

<u>Non-24-Hour Shift Number of Sick Leave Hours Accumulated</u>		<u>24-Hour Shift Number of Sick Leave Hours Accumulated</u>		<u>Percent of Compensation Given</u>
	Max		Max	
956 to	1200	1434 to	1800	60%
764 to	955.99	1146 to	1433.99	50%
572 to	763.99	858 to	1145.99	40%
380 to	571.99	570 to	857.99	30%
188 to	379.99	282 to	569.99	20%
0 to	187.99	0 to	281.99	0%

3. In the event of a job-related death, the beneficiary of the employee, as shown on the records of the Public Employees' Retirement System, shall be paid for those sick leave and vacation

days for which the employee would have been paid had employment terminated on the date of death.

4. Any sick leave balances remaining after payment shall be converted to PERS service credit.

ARTICLE IV. CATASTROPHIC LEAVE

Pursuant to City Personnel Rules Section 3.12.065, pertaining to Catastrophic Leave.

ARTICLE V. DISABILITY LEAVE

Pursuant to Section 3.12.100 of the City's Personnel Rules, the following shall constitute the City's practice regarding disability leave:

Employees may be granted paid disability leave based on the following circumstances, terms, and conditions. The purpose of providing these programs of paid disability leave is to insure that regular employees have reasonable and equitable provisions concerning their job and economic security.

Work Related Temporary Disability:

- A. If a regular employee is temporarily disabled by injury or illness arising out of and in the course of performing assigned job duties, the employee shall become entitled, regardless of length of service, to a leave of absence while so disabled without loss of salary, less workers' compensation disability payments, for up to seventy-five (75) calendar days, commencing upon the third (3rd) calendar day after the injured employee leaves work as a result of the injury. However, if the disability necessitates hospitalization or the disability continues more than three (3) calendar days, the aforesaid seventy-five (75) day leave of absence shall commence from the first day the injured employee leaves work or is hospitalized as a result of the injury. Employees injured on the job who are absent from work due to such disability for less than three (3) calendar days may utilize accrued sick leave during such absence.
- B. Following the initial seventy-five (75) day period of temporary disability, an eligible employee may elect to receive either workers' compensation disability payments, or full salary by supplementing their workers' compensation disability payment by use of accrued vacation, compensatory time off (CTO), or sick leave on a one-half (1/2) hour sick leave for one (1) hour pay basis. Upon utilization of all accrued leave credits, the employee injured in the performance of assigned duties and who is entitled to compensation under the Workers' Compensation Insurance Act shall be continued on the rolls of the City without pay until workers' compensation is discontinued, or the employee reaches a permanent and stationary status, provided that the disability was not the result of the employee's willful violation of safety rules or negligent behavior.

ARTICLE VI. MILITARY LEAVE

- A. Classified employees obligated to serve involuntary periods of active military duty shall be compensated for normal work hours and days or shifts during such absence from work, up to a maximum of thirty (30) calendar days in any calendar year.
- B. Employees exercising this provision of military leave will be required to submit properly documented evidence of their call to active duty within ten (10) calendar days prior to such military duty. Such documentation must be submitted through the department head to the Human Resources Director.

ARTICLE VII. JURY DUTY LEAVE

- A. Classified employees who have been summoned or subsequently selected to serve on a jury shall receive their regular rate of compensation by the City for normal work hours and days or shifts during such absence from work.
- B. Employees will be allowed to retain any mileage compensation granted to them by the respective court jurisdiction to which they were summoned or selected for jury duty.
- C. Employees summoned to jury duty must provide evidence of such summons and subsequent jury duty days away from work through their respective department heads to the Human Resources Director.
- D. If an employee normally assigned to any shift except days is summoned to jury duty and ordered to report, the employee's shift shall be changed to days until the jury obligation has been fulfilled provided there is a period of 12 hours preceding the employee's normally assigned shift. Any day that the employee is released from service having served fewer hours than normally scheduled, the employee shall report to work for the remainder of the shift.

ARTICLE VIII. COMPENSATORY TIME

Compensatory time shall be governed as follows:

- A. An employee may use up to eighty (80) hours per calendar year of accrued compensatory time on conditions the same as those for the use of vacation. Approval by the employee's superintendent or first-line manager is sufficient for use.
- B. Superintendents and first-line managers will grant an employee, at the employee's request, accrual of overtime as compensatory time, in accordance with Chapter 2, Article II.
- C. Employee requests to use CTO will either be (1) granted within a reasonable time period or (2) at employee option, be paid off if use of CTO hours cannot be accommodated by the department.
- D. The use of CTO must be a mutual agreement between the employee and the City.

ARTICLE IX. PERSONAL LEAVE TIME

Each full-time regular employee who is eligible for Personal Leave time (PLT) shall be provided a bank of forty-five (45) hours of PLT on January 1st of each calendar year.

A. Eligibility:

1. Initial Six Months of Employment

a. Personal leave time shall not accrue during the initial six months of employment in the bargaining unit and as such, employees who separate service prior to the completion of the initial six months of employment shall be ineligible to receive a PLT payoff.

b. Upon completion of the initial six months of employment, employees shall receive 22.5 hours of PLT for use in accordance with Section B. For the remainder of the respective calendar year, the PLT bank shall be prorated at the accrual rate of 0.8654 hours per week.

2. Annual Leave Bank

a. Employees who have completed the eligibility requirements in Sections A, subdivisions 1(a) and 1(b) above shall be provided a bank of forty-five (45) hours of PLT on January 1st of each calendar year. Part-time employees shall receive a pro-rated bank.

B. Usage:

Use of PLT time shall be subject to the following:

1. PLT may be used by employees for time off on an hour-for-hour basis until the employee has exhausted the bank.
 - a. Use of PLT shall be subject to the operating needs of the City. The City may deny an employee time off on PLT if such release time will adversely impact the operating or staffing needs of a City department.
2. PLT shall have cash value and may be cashed out by the employee on an hour-for-hour basis at the employee's regular straight-time hourly rate of pay. Employees may cash out unused PLT in any regular pay period pursuant to procedures established by the City Human Resources Department. Pursuant to Chapter 5, Article II, item A of this memorandum of understanding, employees may defer some or all cashed out PLT into the City's deferred compensation plan.
3. Any PLT time remaining in an employee's PLT bank on the last pay period of the calendar year shall not roll over into the next calendar year. Such PLT time shall be cashed out by the City on an hour-for-hour basis at the employee's regular straight-time hourly rate of pay.
4. Employees who terminate after six months of initial employment with the City or leave the bargaining unit shall be cashed out at the rate of 0.8654 hours per week up to the balance of the employee's PLT bank. If an employee terminates and has taken more PLT in advance than 0.86538 hours per week, the City shall deduct an equivalent amount of pay for the PLT. Any time cashed out will be paid on an hour-for-hour basis at the employee's regular straight-time hourly rate of pay. For example, if an employee terminates employment on March 31, the employee shall receive payment for thirteen (13) weeks of PLT, or 11.2502 hours of PLT time. Part-time employees will be receive a pro-rated cash out of their bank.

CHAPTER 4. INSURANCE BENEFITS

ARTICLE I. MEDICAL AND DENTAL BENEFITS

A. Eligibility

Any regular employee working fifty percent (50%) or more of a full-time schedule shall be eligible to enroll in any health and welfare benefit provided by this Article and currently authorized by the IBEW 1245 bargaining unit. Regular part-time employees who are hired into a position funded as regular part-time after January 1, 2004, or current employees who laterally transfer or promote into a regular part-time allocated position, will receive a pro-rated amount toward their health and welfare contribution based on actual hours worked. The contribution amount will be based on the percentage of full-time the employee works. For example, employees working twenty (20) hours per week will receive fifty percent (50%) of the full-time contribution; employees working thirty (30) hours per week will receive seventy-five percent (75%) of the full-time contribution, etc.

B. Medical Insurance Benefits

The City agrees to contract with the California Public Employees' Retirement System (CalPERS) for the purpose of providing employees and their eligible dependents with medical insurance benefits. Effective the first of the month after approval by the City Council or as soon as administratively possible, the City's maximum monthly contribution for each eligible active employee shall be equal to the minimum employer contribution required under the Public Employees' Medical and Hospital Care Act (PEMHCA).

C. Cafeteria Plan

1. The City agrees to maintain a Cafeteria Plan, pursuant to Section 125 of the Internal Revenue Code and any related regulations, for the purpose of providing employees with access to various health and welfare benefits. Benefits available through the Cafeteria Plan include medical insurance, dental insurance, long-term disability insurance (LTD) and vision insurance.
2. The City provides a Cafeteria Plan Allowance to all employees eligible to participate in City sponsored health and welfare benefits under Section A of this Article of up to \$1,347 per month (less the direct PEMHCA payment provided in paragraph B).
3. The City provides a flex plan credit of \$168.00 per month to be used by active employees for any benefit covered under the Cafeteria Plan. Effective December 1, 2019, the City will increase the flex plan credit to \$198. Effective December 1, 2020, the City will increase the flex plan credit to \$228. Effective December 1, 2021, the City will increase the flex plan credit to \$258.

Employees who elect not to participate in any of the medical, dental, LTD, and vision insurance benefits sponsored by the City and who provide proof of other medical coverage will not receive any Cafeteria Plan Allowance under Section C(2) of this Article. Instead, employees who opt out of these City sponsored benefits will receive \$150 per month.

4. Any Cafeteria Plan Allowance provided for under Section C(2) of this Article can only be used by an employee to offset the cost of participation in City sponsored medical, dental,

and vision insurance benefits for the employee and any eligible dependents.

- D. The City agrees to continue its existing Section 125 plan. The City reserves the right to select the provider or self-administer this program and to set limits for medical reimbursement accounts.
- E. The City agrees to provide a dental benefit as described in the evidence of coverage document. The City reserves the right to select any dental carrier. The City will provide two (2) cleanings per year (except for periodontal patients who will continue to have four (4) cleanings). Open enrollment will be as described in the evidence of coverage document, but may be changed at the City's discretion in order to better manage the dental benefit.
- F. The City agrees to provide a vision benefit. Details of the City's vision benefit are described in the evidence of coverage document. The City reserves the right to select any vision carrier. Open enrollment will be as described in the evidence of coverage document.
- G. From time to time, the City will change benefit providers due to administrative, service, economic or other reasons. Due to carrier policies and procedures and Department of Insurance requirements, there can be no guarantee that one policy will exactly mirror the preceding one. The City desires to provide a consistent benefit, and insofar as is possible, benefits and language will be matched.

ARTICLE II. RETIREE HEALTH BENEFITS

A. Medical Insurance Benefits

The City agrees to contract with the California Public Employees' Retirement System (CalPERS) for the purpose of providing employees and their eligible dependents with medical insurance benefits. Effective the first of the month after approval by the City Council or as soon as administratively possible, the City's maximum monthly medical contribution for each eligible retiree shall be equal to the minimum employer contribution required for active employees under the Public Employees' Medical and Hospital Care Act (PEMHCA).

The parties agreement to move from the CalPERS equal contribution method to the PEMHCA minimum employer contribution method does not modify retiree health benefits for employees in Tiers I and II pursuant to Article II B and C below.

B. For Employees Hired Prior To January 1, 2004 (Tier 1)

Employees hired prior to January 1, 2004 that qualify for post-retirement health benefits shall qualify for such benefits based on rules in effect prior to January 1, 2004, i.e. an employee that retires from the City of Roseville and is eligible for CalPERS service retirement shall receive a City contribution towards their post-retirement medical insurance benefit at the same level as full-time regular employees covered by this agreement. (See benefit level Chapter 4, Article I(C), Cafeteria Plan, subsection 2.

C. For Employees Hired On Or After January 1, 2004 And Prior To January 1, 2014 (Tier 2)

Employees hired on or after January 1, 2004 and prior to January 1, 2014, to be eligible to receive post-retirement health benefits, an employee must complete at least five (5) years of CalPERS-credited service with the City of Roseville. Employees who retire from the City of Roseville after meeting the service requirement stated above and who have at least ten (10)

years of CalPERS-credited service will receive a City contribution towards their post-retirement health benefits as follows:

Total Credited Years of Service	% of City Contribution per current CalPERS Resolution for IBEW 1245
10	50 %
11	55
12	60
13	65
14	70
15	75
16	80
17	85
18	90
19	95
20 +	100

Employees who have CalPERS-credited service through other public agencies must complete at least five (5) years of service with the City of Roseville and retire from the City of Roseville to be eligible for post-retirement health benefits. However, once an employee has completed five (5) years of service with the City of Roseville, their eligibility for post-retirement health benefits will include all years of CalPERS-credited service.

The vesting requirements for post-retirement health benefits will become effective January 1, 2004. Employees hired on or after January 1, 2004 shall be subject to the above post-retirement vesting schedule for health benefits (see benefit level Chapter 4, Article I(C), Cafeteria Plan, subsection 2).

- D. If City withdraws from the PEHMCA program through the life of this contract, employees hired after January 1, 2004 must have five (5) years of continuous service with the City of Roseville before becoming eligible for City-paid retiree health insurance.

Employees under this scenario will be subject to the following schedule:

Total Credited Years of Service	% of City Contribution
5	25
6	30
7	35
8	40
9	45
10	50
11	55
12	60
13	65
14	70
15	75
16	80

17	85
18	90
19	95
20 +	100

- E. For Employees Hired On Or After January 1, 2014 (Tier 3).
1. Employees hired on or after January 1, 2014, have no vested right in any post-employment medical benefits provided by the City of Roseville. Instead, upon hire, those employees shall contribute one percent (1%) of their base salary each pay period to a City sponsored Retirement Health Savings (RHS) account and shall contribute an additional one percent (1%) per pay period per year annually, up to a maximum of five percent (5%) per pay period annually thereafter, to be used to fund the employee's medical costs upon retirement from the City.
 2. After five (5) years of continuous service with the City of Roseville, and beginning on the first pay period of the sixth year of service, the City shall contribute a flat dollar amount equal to \$100 per month to be deposited to the employee's RHS account up until the employee's retirement date or separation from the City. After accruing ten (10) cumulative years of service with the City and pursuant to the vesting schedule in Section C of this Article, employees may draw from the City contribution to this account upon retirement.
 3. Employees who terminate City service for reasons other than retirement prior to twenty (20) years of cumulative service with the City will forfeit any City contributions.
 4. Employees must retire from the City of Roseville and be enrolled in the City of Roseville's health plan in order to utilize City contributions to the employee's RHS accounts. After ten (10) years of cumulative service with the City of Roseville, City contributions to the employee's RHS account may be used for all covered medical expenses pursuant to Section 213 of the IRS Code including participation in non-City sponsored plans.

ARTICLE III. LONG TERM DISABILITY

- A. The City agrees to provide a Long Term Disability (LTD) Program with a waiting period of sixty (60) calendar days; whereupon an eligible employee shall be entitled to receive up to sixty percent (60%) of their gross monthly salary (a minimum of \$100) until age sixty-seven (67) in accordance with the LTD plan.
- B. After own occupation disability benefits have been payable for thirty-six (36) months, employee is disabled if the injury or sickness makes him/her unable to perform all the material duties of any occupation for which he/she may reasonably become qualified based on education, training or experience.
- C. Other details of the City's LTD Plan are described in the plan booklet. The City reserves the right to select any LTD carrier.
- D. From time to time, the City will change benefit providers due to administrative, service, economic or other reasons. Due to carrier policies and procedures and Department of Insurance requirements, there can be no guarantee that one policy will exactly mirror the preceding one. The City desires to provide a consistent benefit, and insofar as is possible benefits and language will be matched.
- E. After five (5) years as a regular employee of the City, the City agrees to pay one hundred percent (100%) of the premium for the LTD plan.

- F. A program of voluntary group Supplemental LTD is available to those employees assigned to the classifications in Appendix "A" and "A2". The City does not guarantee any minimum level of benefit provided to any Supplemental LTD program. The City reserves the right to select the insurance provider. The employee accepts sole responsibility for payment of any and all costs under this program. All premiums will be collected via payroll deduction.

ARTICLE IV. LIFE INSURANCE

- A. The City agrees to provide eligible employees with a fully paid life insurance program in the amount of twice the employee's annual salary in effect as of July 1 of each year. The City reserves the right to select the insurance provider.
- B. From time to time, the City will change benefit providers due to administrative, service, economic or other reasons. Due to carrier policies and procedures and Department of Insurance requirements, there can be no guarantee that one policy will exactly mirror the preceding one. The City desires to provide a consistent benefit, and insofar as is possible benefits and language will be matched.

ARTICLE V. EMPLOYEE ASSISTANCE PROGRAM

- A. The City agrees to provide an Employee Assistance Program (EAP) for employees that includes up to six (6) visits a calendar year for each employee and each dependent family member and spouse.
- B. From time to time, the City will change benefit providers due to administrative, service, economic or other reasons. Due to carrier policies and procedures and Department of Insurance requirements, there can be no guarantee that one policy will exactly mirror the preceding one. The City desires to provide a consistent benefit, and insofar as is possible benefits and language will be matched.

CHAPTER 5. RETIREMENT.

ARTICLE I. PUBLIC EMPLOYEES' RETIREMENT SYSTEM

- A. Retirement System. Unit members are provided retirement benefits under the California Public Employee Retirement System (CalPERS) as described in this Article.

- B. Tier One: 2.7% at 55 Retirement Program – Bargaining Unit Members Hired On or Before December 31, 2012 and Unit Members Qualified for Reciprocity (Classic Member)

This Section B, including subsections, shall apply to bargaining unit members hired on or before December 31, 2012. In addition, this Section B shall apply to bargaining unit members hired on or after January 1, 2013, who are qualified for pension reciprocity as stated in Government Code Section 7522.02(c) and related CalPERS reciprocity requirements (Classic Member):

1. 2.7% at 55 Pension Formula

The “2.7% @ 55” retirement program will be available to bargaining unit members covered by this Section.

2. Final Compensation Based On 12-Month Period

For the purposes of determining a retirement benefit, final compensation for bargaining unit members covered by this Section B shall mean the highest twelve (12) consecutive month period as specified in Government Code Section 20042.

3. Required Contributions

Bargaining unit members covered by this Section B shall continue to pay, through payroll deduction, 8.0% of compensation earnable contribution to CalPERS. 6.197% shall be contributed toward the City's pension costs, and 1.803% shall be contributed toward the employees' pension contribution.

The City shall pay 6.197% of compensation earnable as EPMC (Employer Paid Member Contribution) and shall report the same percent (value) of compensation earnable as special compensation pursuant to Government Code Section 20636(c)(4).

- C. Tier Two: PEPPA Retirement Tier Required For Bargaining Unit Members Hired On or After January 1, 2013 and Not Qualified For Reciprocity

This Section C, including subsections, shall apply to bargaining unit members who were hired on or after January 1, 2013, and who do not qualify for pension reciprocity as stated in Government Code Section 7522.02(c).

1. 2% at 62 Pension Formula

The “2% @ 62” retirement program will be available to bargaining unit members covered by this Section C.

2. Final Compensation Based On 36-Months

Effective January 1, 2013, for the purposes of determining a retirement benefit, final compensation for bargaining unit members covered by this Section C shall mean the highest

annual average pensionable compensation earned during thirty-six (36) consecutive months of service.

3. Required Bargaining Unit Member Contributions

As required by Government Code Section 7522.04(g), effective January 1, 2013, bargaining unit members covered by this Section C shall pay, through payroll deduction, fifty percent (50%) of normal costs as determined by CalPERS.

D. Other Options Included In CalPERS Contract

Unit members continue to be eligible for the following options included in the City's contract with CalPERS:

- Government Code Section 20965 (Conversion of unused sick leave balance to service credit.)
- Government Code Section 21573 (Third Level of 1959 Survivor Benefits).
- Government Code Section 21548 (Pre-Retirement Option 2W Death Benefit).

ARTICLE II. DEFERRED COMPENSATION

- A. The City agrees to maintain a deferred compensation plan, the choice of which shall be at the sole discretion of the City, wherein City employees can defer a portion of their earnings from State and Federal Income Tax as provided by applicable laws.
- B. The City agrees to contribute one hundred dollars (\$100) monthly into all employees' deferred compensation plan. Employees may choose to contribute this allocation toward their health and welfare package. The election to place the contribution into their health and welfare package or deferred compensation must be made during a health open enrollment period.
- C. The City agrees to contribute three percent (3%) of the employee's base wages into the deferred compensation plan as a replacement benefit to the City's withdrawal from the Social Security System for employees who have completed five (5) continuous years of classified employment with the City of Roseville.

CHAPTER 6. HOURS, SCHEDULES, MEALS

ARTICLE I. GENERAL HOURS OF WORK

- A. The following shall constitute the City's Hours of Service Policy except as otherwise provided herein. The Department Head or his/her designated authority may waive these provisions in emergency situations as determined by the Department Head.
- B. Except for part-time employees, eight (8) hours shall constitute a day's work. Five (5) days of eight (8) hours or forty (40) hours shall constitute a workweek for all employees. Employees will be subject to call twenty-four (24) hours per day and shall respond to such calls unless unable to perform required work.
- C. All full-time employees shall have two (2) specified consecutive days off per week, Saturdays and Sundays, if possible, without deduction from pay. In case of emergency, and if the position must be continuously filled, an employee may be required by the employing officer, with the approval of the Human Resources Director, to work on weekly days off.
- D. The appointing authority of each department shall draw up a schedule of days off for all full-time monthly employees under the department's jurisdiction.
- E. Change of Schedule: Any employee involved in a mandatory change of schedule which involves a modification in an employee's starting time or days off will be given a minimum of five (5) working days' notice.
- F. Employees may be assigned to work Saturdays, Sundays, holidays or regular days off and take days off during the week. Each such employee shall report for duty at the assigned duty station at the regular starting time and shall remain on duty eight (8) hours, performing all regular duties of the position and other duties in connection with the maintenance and operation of the department. During the other sixteen (16) hours of Saturdays, Sundays, holidays or regular days off, such employee will be available for call, but shall not be required to remain at home.
- G. Troubleshooters may be assigned a rotational work schedule to include Saturdays and Sundays.
- H. For purposes of defining the workweek in compliance with the Fair Labor Standards Act, the workweek begins at 12:01 a.m. on Saturday and ends at 12:00 midnight on Friday.
- I. The City and IBEW 1245 agree that the Electric Utility Director and/or his/her designee will meet with IBEW 1245's principals for purposes of discussing potential changes in shift schedules.

ARTICLE II. INCLEMENT WEATHER SCHEDULE

- A. The City agrees that regular or probationary employees who are unable to work in the field because of inclement weather will receive pay for the full day, provided they have reported for duty. During such day they may be held pending emergency calls, may be given first aid, safety or other instruction or they may be assigned to perform miscellaneous duties in sheltered locations.
- B. Temporary personnel who have reported to work but are unable to work in the field because of inclement weather will be paid only for the time they work or are held by the City, except, however, that they will be paid for not less than two (2) hours.

- C. The Utility Director, or a delegated subordinate, will be responsible for determining if weather conditions warrant commencement or cessation of outside work in inclement weather. In arriving at a decision with respect to weather conditions, the Utility Director or delegated subordinate shall take into account such factors as: (a) employee health and safety, (b) undue hazards, (c) operating requirements, (d) service to the public, (e) job site working conditions, (f) anticipated duration of time required to leave unfinished job in a safe condition, (g) anticipated duration of inclement weather, and (h) distance from job site to operating headquarters.

ARTICLE III. REST PERIODS

It is the intent of this Article to provide for and insure a reasonable amount of rest for employees who may be required to work an extraordinary number of overtime hours between workdays or on a continuous emergency work schedule. In such circumstances, the City agrees to the following provisions as a means of assuring adequate rest, and the prevention of fatigue and safety hazards.

A. Rest Period Between Workdays

1. If an employee has worked for four (4) or more hours during the eight (8) hour period immediately preceding the beginning of his/her regular work shift, he/she is entitled to a five (5) hour rest period upon the completion of such overtime work.
2. If an employee has worked for six (6) or more hours during the twelve (12) hour period immediately preceding the beginning of his/her regular work shift, he/she is entitled to a seven (7) hour rest period upon the completion of such overtime work.
3. If an employee has worked for eight (8) or more hours during the sixteen (16) hour period immediately preceding the beginning of his/her regular work shift, he/she is entitled to a nine (9) hour rest period upon the completion of such overtime work.
4. Rest periods are to begin immediately upon employee's release from overtime work. If the rest period in whole or in part overlaps the employee's regular work hours he/she will receive pay at the straight time rate for the extent of the overlap.
5. If the rest period overlaps his/her regular work hours but does not extend into the second half of his/her workday, the employee may be excused from reporting for work until the beginning of the second half of his/her workday. Employee, in advance, will notify supervisor if he/she intends to exercise this option. The employee may request vacation or comp time to make up hours.
6. If the rest period extends into the second half of his/her regular day, the employee may be excused from reporting for work until the beginning of the following workday. Employee, in advance, will notify supervisor if he/she intends to exercise this option. The employee may request vacation or comp time to make up hours.
7. At the discretion of the department head, additional rest periods of less than 4 hours may be assigned in unusual or emergency circumstances.

- B. Continuous or Emergency Work Schedule. When, in circumstances of emergencies or other business necessity, it becomes necessary for the City to require a continuous work schedule of twenty-four (24) or more hours of work, employees shall work under close supervision and will be released for rest at the discretion of the department head or designee. In such circumstances, the employee shall be entitled to the prevailing rate of overtime pay, and shall remain at such rate of pay until released from the work schedule for a minimum of eight (8) hours.

ARTICLE IV. SPECIAL DUTY ASSIGNMENTS

Refer to Administrative Regulation on Special Duty for the current policy on Special Duty Assignments.

When an employee is assigned a special duty assignment, the employee shall be compensated for hours worked at the regular rate of base salary and benefits regardless of whether or not the employee performs work within the regular classified position or is assigned to the employee's regularly assigned department. If an employee is assigned to a special duty assignment of less than full time, compensation for hours worked may be supplemented by either accrued sick leave, or other available leave.

ARTICLE V. MEALS

All regular employees will be eligible for a \$20.00 meal allowance as provided below:

A. OVERTIME WORKED CONTIGUOUSLY TO A REGULAR SHIFT.

1. All Overtime (emergency or scheduled) worked contiguously (before or after) to an employee's regularly scheduled shift for a minimum of two (2) hours shall entitle the employee to one (1) meal allowance. Employees will be eligible for one (1) additional meal allowance for each additional four (4) hours of contiguous overtime worked.
2. Employees are entitled to a paid thirty (30) minute meal break for every four (4) contiguous hours of overtime worked.

Overtime hrs worked	Total # of <u>\$20</u> meal allowances	Total # of ½ hr paid breaks
>2 hrs < 4 hrs	1 = <u>\$20</u>	0
>4 hrs < 6 hrs	1 = <u>\$20</u>	1
>6 hrs < 8 hrs	2 = <u>\$40</u>	1
>8 hrs < 10 hrs	2 = <u>\$40</u>	2
>10 hrs < 12 hrs	3 = <u>\$60</u>	2
>12 hrs < 16 hrs	3 max meals in 24 hours	3
>16 hrs	3 max meals in 24 hours	4

B. OVERTIME WORKED NON CONTIGUOUS TO A REGULAR SHIFT.

All overtime (emergency or scheduled) worked that is not contiguous with a normally scheduled shift shall entitle the employee to one (1) meal allowance for every four (4) hours of overtime worked. This scenario does not provide for the meal break to be compensated.

- C. Under certain circumstances the City may provide a meal by bringing food to the worksite in lieu of "A1" or "B".
- D. In no event shall an employee be entitled to more than three (3) meal allowances in a twenty-four (24) hour period from the beginning of the overtime shift.
- E. The meal allowance will be recorded each eligible day in timekeeping to be paid with normal payroll periods.

CHAPTER 7. MISCELLANEOUS ISSUES

ARTICLE I. UNIFORMS AND SAFETY EQUIPMENT

A. Uniforms (Non-Fire Retardant (FR) Clothing) Required To Be Worn Daily

When an employee is required to wear a uniform on a daily basis, as determined by the department head, the employee may elect one of the following two options by January 1 of each year:

1. An employee will receive an annual jean allowance of \$235.00 and eleven (11) shirts selected by the City. The employee is responsible for cleaning the jeans, and must report to work in clean, well-maintained and repaired jeans. The jean allowance shall be payable in January of each year. The annual jean allowance shall be prorated for new employees by date of hire.

OR

2. The City will provide and maintain for an employee annually eleven (11) shirts and eleven (pants) selected by the City.

B. Uniform (Non-FR Clothing) Not Required

If an employee, with the director's approval, does not wear a City uniform, the employee will not be eligible for a uniform allowance.

C. Rain Gear

As needed, the City shall provide an employee with rain gear consisting of one (1) each coat and pants.

D. Uniform Apparel – General Requirements

Employees who receive a jean allowance and employees who are provided with uniform apparel pursuant to this Article, including FR uniform apparel, are required to wear the provided clothing during all duty hours and to maintain a clothing standard consistent with representing the City to the public.

E. Safety Clothing and Equipment

1. Fire Retardant (FR) Clothing Required To Be Worn Daily

If by law or regulation, due to hazard evaluation or CAL-OSHA requirements, an employee is required to wear FR clothing on a daily basis, the City shall provide all required FR clothing/uniform items, and the employee is not permitted to provide the employee's own work clothing or to receive a jean allowance. The City shall provide eleven (11) FR pants and eleven (11) FR shirts annually, and shall provide other FR clothing items as needed as determined by the department head or designee.

2. Safety Boots/Shoes and Climbing Boots

- a. Safety Boots/Shoes. As needed as determined by the department head or designee, the City shall provide an employee who is required to wear safety

boots/shoes on a daily or intermittent basis with safety boots/shoes with a cost that does not exceed \$250.00. The \$250 may include maintenance and repair costs of the safety boot/shoe including but not limited to: shoe laces, toe guards and insoles and shall not exceed the \$250 annual cost. At the City's discretion, the City may provide safety boots/shoes through any method that allows an employee to choose safety boots/shoes that do not cost more than \$250.00 and meet applicable safety requirements. Examples of methods the City could elect to use to provide safety boots/shoes, depending on the circumstances, include, but are not limited to the following:

1. The City could authorize an employee to purchase safety shoes/boots and submit the original receipt for reimbursement. The reimbursement method requires the supervisor's advance written authorization.
2. Or, an employee could select appropriate safety shoes/boots, and the City would order and pay for the selected boots.
3. Or, a supervisor could accompany an employee to a retail store and pay for the selected safety shoes/boots.
4. Or, the City could arrange for a vendor to provide a selection of appropriate safety shoes/boots from which employees may select/order safety shoes/boots at City expense.

b. Climbing Boots. As needed as determined by the department head or designee, the City shall provide an employee who is required to wear climbing boots with climbing boots with a cost that does not exceed \$400.00. The \$400 may include maintenance and repair costs of the safety boot/shoe including but not limited to: shoe laces, toe guards and insoles and shall not exceed the \$400 annual cost. At the City's discretion, the City may provide climbing boots through any method that allows an employee to choose climbing boots that do not cost more than \$400.00 and meet applicable safety requirements. Examples of methods the City could elect to use to provide climbing boots, depending on the circumstances, include, but are not limited to the following:

1. The City could authorize an employee to purchase climbing boots and submit the original receipt for reimbursement. The reimbursement method requires the supervisor's advance written authorization.
2. Or, an employee could select appropriate climbing boots, and the City would order and pay for the selected boots.
3. Or, a supervisor could accompany an employee to a retail store and pay for the selected climbing boots.
4. Or, the City could arrange for a vendor to provide a selection of appropriate climbing boots from which employees may select/order at City expense.

c. General Requirements.

1. Employees who are required to wear safety boots/shoes and/or climbing boots while performing their job duties must wear boots/shoes that are appropriate for their job classification and meet any CAL-OSHA

requirements. The City reserves the right to determine if a boot or shoe is appropriate to the employee's job classification in conformance with any applicable CAL-OSHA regulations.

2. To assure compliance with prescribed safe working practices or common sense, an employee who performs job duties without wearing appropriate safety boots/shoes or climbing boots whenever required by conditions and assigned duties will be subject to discipline.

3. Additional Safety Equipment

In addition to providing FR clothing, safety boots/shoes and climbing boots described above and as required by an employee's job duties, the City shall provide employees with the following additional safety equipment and personal protective wear as needed, including, but not limited to: jackets, sweatshirts, hard hats, gloves, one (1) pair of insulated rubber boots with reinforced arches, and other materials and equipment required by CAL-OHSA to guard against potential on-the-job hazards to employees' health and welfare. The City provides safety glasses in accordance with Administrative Regulation 2.02.

4. Safety Equipment – General Provisions

During their duty hours while performing their job duties, employees are required to use safety equipment and additional personal protective wear provided by the City as appropriate for the particular task. To assure compliance with prescribed safe working practices and common sense to protect against potential hazards to the health and welfare of employees, an employee who fails to use the appropriate safety equipment and personal protective wear shall be subject to discipline.

ARTICLE II. UNION SECURITY AND MEMBERSHIP

- A. The Union is the sole and exclusive representative for all the employees covered by this agreement without regard to membership in the Union, with respect to all matters relating to hours, rates, terms and conditions of employment, and all other negotiable items.
- B. Employees may authorize membership dues and other lawful deductions to be made from their salaries, wages, or retirement allowances for the payment of dues in accordance with the procedures required by law and set forth herein. To the extent required by Government Code Sections 1157.3 and 1157.12, the City shall honor employees' voluntary authorizations for Union dues deductions from employee paychecks. Such authorized deductions shall be remitted monthly to the Union along with an adequate itemized record of deductions. After providing the required certification, the Union shall not be required to provide a copy of individual authorizations to the City unless a dispute arises about the existence or terms of the authorization. To the extent required by law, the City will rely on information provided by the Union in writing regarding whether dues deductions were properly cancelled or changed. Any requests from the Union that the City change dues deductions shall include a certification that the changes are requested with the affirmative consent of the individual employee(s) and otherwise comply with all requirements of state and federal law. The City shall make every reasonable effort to remit the amounts deducted within ten (10) working days following the payday on which the deductions were made.

- C. Upon receiving notification from the Union, the City shall deduct the amount of regular and periodic Union dues, service fees, or insurance premiums as may be specified by the Union under the authority of written notification by the Union certifying that the employee has provided written affirmed consent for deduction of union membership dues or fair share service fees. Such authorized deductions shall be remitted monthly to the Union along with an adequate itemized record of deductions.
- D. The Union shall indemnify, defend, protect and hold harmless the City and its elected and appointed officials, officers, employees, officers and agents (collectively hereafter the "Indemnitees") from and against any and all claims, liabilities, losses, damages, fines, penalties, claims, demands, suits, actions, causes of action, judgments, costs and expenses (including, but not limited to, reasonable attorneys' fees and court costs) arising from the application of any provisions under this Article, including, but not limited to, any claims made by any member employees for the membership dues deductions the City made in reliance on the Union's certification, and any claims made by any member employees for any deduction cancellation or modification the City made in reliance on the information provided by the Union, provided that the City promptly notify the Union of any such matter for which it is seeking indemnification after the City has knowledge of the occurrence of such matter.

In the event any such action or proceeding is brought against the City by reason of any such claim, the Union, upon notice from the City, covenants to defend such action or proceeding by counsel reasonably satisfactory to the City. Further, the Union agrees to indemnify and hold harmless the Indemnitees for any loss or damage arising from the Union's actions or inactions under this Article.

- E. The employee's earnings must be sufficient, after other legal and required deductions are made, to cover the amount of the membership dues deductions or any other deductions. When an employee is in a non-pay status for the full pay period when his/her deductions would normally be withheld, no deductions will be made to cover that withholding from the earnings. In the case of an employee who is in a non-pay status during only a part of the pay period and the salary is not sufficient to cover the full withholding, no deduction shall be made.
- F. The City shall furnish the Union, on a monthly basis, the name, date of hire, salary, classification and work location of all newly-hired employees subject to this Agreement. The City agrees to provide the Union on a monthly basis a payroll dues deduction report.

ARTICLE III. CERTIFICATION OF ELIGIBLES AND APPOINTMENTS

Pursuant to City Personnel Rules Section 3.05.110 and Chapter 3.06, Appointments.

ARTICLE IV. CAUSES FOR DISCIPLINE

The following may be causes for the City to initiate disciplinary action including demotion, reduction in pay, suspension, or dismissal of any employee, pursuant to these rules and regulation. The causes cited below are for both specific and exemplary reasons to alert employees to the more commonplace types of disciplinary issues. There are some serious acts of misconduct that by their nature are not appropriate for progressive discipline. Behavior of this type should be disciplined by suspension, or, if warranted, discharge on the first occasion. The rules governing discipline shall prevail as if the unlisted issue or infraction were listed as follows:

- A. Attendance.
 - 1. Improper or unauthorized use or abuse of sick leave;
 - 2. Excessive absenteeism regardless of reason;
 - 3. Being absent without authorized leave; repeated tardiness to assigned workstation, or leaving assigned work without authorization.

- B. Behavior.
 - 1. Willful or negligent violation of the Personnel Rules and Regulations, resolutions, and other related ordinances including departmental rules, regulations, and policies;
 - 2. Insubordination (failure to carry out a direct order from a supervisor);
 - 3. Acceptance of gifts or gratuities in connection with or relating to the employee's duties, except as provided in Section 3.15.030;
 - 4. Conduct that is unbecoming a City officer or employee which tends to discredit the City or City service, including the wearing of City-identified uniforms off duty into a public or private establishment; the nature of which may adversely reflect upon the City; willful misrepresentation of the City;
 - 5. Conviction of a crime, the nature of which reflects a possibility of serious consequences related to the continued assignment or employment of the employee;
 - 6. Falsifying information related to employment application, payroll, or any work related record or report;
 - 7. Soliciting outside work for personal gain during the conduct of City business engaging in outside employment for any business under contract by the City, participating in any outside employment that adversely affects the employee's City work performance, and engaging in unauthorized outside employment;
 - 8. Discourteous treatment of the public or City employees;
 - 9. Conduct interfering with the reasonable management and discipline of the City or any of its department or divisions;
 - 10. Engaging in political activities while on duty;
 - 11. Violation or neglect of safety rules;
 - 12. Theft;
 - 13. Physical altercations;
 - 14. Any act or conduct that is discriminatory in nature towards another person's race, color, religion, ancestry, national origin, age, sex (including sexual harassment), sexual orientation, marital status, political affiliation, family care leave status, pregnancy, physical or mental disability, medical condition, or legally protected characteristic.

- C. Work Performance.

1. Inefficiency, incompetence, or negligence in the performance of duties, including failure to perform assigned tasks of training, or failure to discharge duties in a prompt, competent, and reasonable manner;
2. Refusal or inability to improve job performance in accordance with written or verbal direction after reasonable trial period;
3. Refusal to accept reasonable and proper assignment from an authorized supervisor;
4. Possession of, or intoxication, or incapacity on duty due to the use of, alcohol or drugs;
5. Driving under the influence of alcohol or drugs while on duty; suspension of driver's license where job duties require driving;
6. Careless, negligent, or improper use of City property, equipment or funds, including unauthorized removal, or use for private purpose, or use involving damage or unreasonable risk of damage to property;
7. Unauthorized release of confidential information or official records;
8. Participation in a strike, work stoppage, slowdown, or other job action against the City.

ARTICLE V. GRIEVANCES - GENERAL AND PROCEDURES

Any represented employee who wishes to call his or her Union business representative regarding employment related matters, may do so on City paid time at his or her own expense, provided such telephone calls do not represent or create any unreasonable disruption of work.

- A. Grievances in General. An employee, individually or in representation of a group of employees, may complain to the City management through the grievance procedure in this Article regarding any matter relating to that employee's wages, hours, or conditions of employment. A grievance may be either formal or informal. However, an informal grievance is a prerequisite to filing a formal grievance.
- B. Informal Grievances. An employee, individually or in representation of a group of employees, with a grievance shall first discuss the matter with his or her immediate supervisor within ten (10) calendar days of the matter complained of. The supervisor and the employee shall attempt to informally resolve the dispute. If this is not accomplished, the employee shall next discuss the matter with the next level of supervision within ten (10) calendar days of the matter complained of. The supervisor and the employee shall attempt to informally resolve the dispute. If this is not accomplished, the employee shall next discuss the matter with the next level of supervision within ten (10) calendar days of the unsuccessful discussion and so on, until the employee reaches the department head. The decision of the department head regarding an informal grievance shall be final unless the employee files a formal grievance.
- C. Formal Grievances.
 - 1. An employee, individually or in representation of a group of employees, who has a grievance which remains unresolved after utilizing the informal grievance procedure may file a formal grievance in writing. The employee shall file a formal written grievance with the City Manager within ten (10) calendar days after the final decision on the informal grievance. The formal grievance shall contain all relevant information relating to the grievance, which the employee wishes the City Manager to consider. The City Manager shall meet with and respond in writing to the employee within ten (10) calendar days of the receipt of the grievance.
 - 2. Except in those cases where the grievance is subject to Administrative Appeal to the Personnel Board pursuant to Roseville Municipal Code, Chapter 3.23, the decision of the City Manager regarding a formal grievance is final.

ARTICLE VI. MINIMUM SCORES AND COMPUTATIONS

Pursuant to City Personnel Rules Section 3.05.070.

ARTICLE VII. CITY MANAGEMENT RIGHTS

Pursuant to Section 3.17.030 of the City's Personnel Rules, the following shall constitute the City's management rights:

- A. To ensure that the City is able to carry out its statutory functions and responsibilities, nothing contained in this Article shall be construed to require the City to negotiate on matters, which are solely a function of management, including the following:
 - 1. To manage the City generally and to determine the issues of policy.

2. To determine the existence of facts, which are the basis of management decisions.
3. To determine the necessity for and organization of any service or activity conducted by the City, and to expand or diminish services.
4. To determine the nature, manner, means, technology, and extent of services to be provided to the public.
5. To determine methods of financing.
6. To determine types of equipment or technology to be used.
7. To determine and/or change the facilities, methods, technology, means, organizational structure, and size and composition of the work force, and to allocate and assign the work by which City operations are to be conducted.
8. To determine and change the number of locations, relocations, and types of operations, processes, and materials to be used in carrying out all City functions, including, but not limited to, the right to contract for or subcontract any work or operation of the City, except where such contracts for service would be for the purpose of workforce reductions.
9. To assign work to and schedule employees in accordance with requirements as determined by the City, and to establish and change work schedules and assignments upon reasonable notice and good faith consultation.
10. To lay off employees from duties because of lack of work or funds, or under conditions where continued work would be ineffective or non-productive.
11. To establish and modify productivity and performance programs and standards.
12. To dismiss, suspend without pay, demote, reprimand, withhold salary step increases, or otherwise discipline employees for cause.
13. To determine minimum qualifications, skills, abilities, knowledge, selection procedures and standards, and job classifications, and to reclassify employees.
14. To hire, transfer, promote, and demote employees for nondisciplinary reasons.
15. To determine policies, procedures, and standards for selection, training, and promotion of employees.
16. To establish reasonable employee performance standards including, but not limited to, quality and quantity standards; and to require compliance therewith.
17. To maintain order and efficiency in City facilities and operations.
18. To establish, publish, and/or modify rules and regulations to maintain order and safety and health in the City, which are not in contravention with these Regulations or the Personnel Rules.
19. To restrict the activity of an employee organization on the municipal property and on municipal time except as set forth in these regulations.

20. To take any and all necessary action to carry out the mission of the City in emergencies.
- B. No neutral third party, including the Personnel Board, shall have the authority to add, delete or otherwise modify any provision of these employer rights, authorities, or functions, but shall be limited to matters of interpretation only.
- C. The employer rights shall not remove or limit the right of any classified employee to exercise grievance procedures.

ARTICLE VIII. NON-DISCRIMINATION

The Union is obligated to comply fully with Titles VI and VII of the 1964 Civil Rights Act (as amended), such that employee organizations and labor unions shall not discriminate against any member or prospective member on the basis of such person's race, creed, color, national origin, sex, age (over 40), or religious affiliation, physical handicap (except where indicated by requirements of the position), medical condition, marital status and all other applicable State and Federal statutes relating to non-discrimination.

ARTICLE IX. ADMINISTRATION OF APPRENTICESHIP PROGRAMS IN ELECTRIC UTILITY DEPARTMENT

The City of Roseville, desirous of establishing apprenticeship programs in the Electric Department, does hereby adopt the following rules for the administration of said programs in cooperation with the recognized majority representative of employees in this department, the International Brotherhood of Electrical Workers, AFL-CIO, Local #1245:

A. Committee.

An Apprenticeship Committee will be established and shall be composed of two (2) voting members appointed by the International Brotherhood of Electrical Workers, Local #1245 (Union), and two (2) members appointed by the City. Additional parties (Union and City) may attend monthly Apprentice Committee meetings upon mutual agreement of both parties (Union and City). This committee will prepare, review and revise training standards as necessary. Decisions of this committee are subject to the approval of the Union Business Manager (or designee) and the City Manager.

B. Training Standards.

A training standard of progress will be developed for each apprenticeship program and will be formalized in the Apprentice Training Program specific to each program. This standard will indicate the training time for each phase of training or work process. The training time indicated will not be restrictive, but rather will be indicative of the emphasis or amount of time that should be spent on each phase. Although the total time spent on any one phase during any one progression period may vary with the individual, work load and amount of related instructions, minimum assignments shall be met during the term of the apprenticeship as outlined in the City of Roseville Apprentice Line Technician Training Program.

C. Nondiscrimination Provision.

Selection of apprentices under the program shall be made from qualified applicants pursuant to the Personnel Rules of the City of Roseville and without regard to race, creed, color, national origin or ancestry, physical or mental disability, medical condition, denial of family and medical care leave, gender, gender identity and gender expression, sex, sexual

orientation, marital status, age, or religious affiliation, military and veteran status, genetic information, and all other applicable state and federal statutes relating to discrimination.

D. Entrance Requirements.

To be eligible to enter an apprenticeship program, a candidate must pass an appropriate entrance examination and meet whatever other minimum requirements may be established for that classification. Employees will be given an opportunity to indicate their desires and intentions with regard to entering apprenticeship training programs. Vacancies in apprenticeship training programs will be announced in accordance with normal procedure.

E. Progression Tests.

To progress through the apprentice program will require passing a progression test for each step of the program. These tests and the manner in which they will be scored will be prepared and agreed to by the Joint Apprenticeship and Training Committee and outlined in the City of Roseville Apprentice Line Technician Training Program dated 08/2016.

F. Review and Evaluation.

The Electric Utility Director shall appoint staff who shall review and evaluate the progress of each Apprentice during the program. Employees in the Apprentice classification shall receive a performance report for each six months of training. The completed performance review will be administered through the normal City process.

G. Instruction.

Related classroom instruction as agreed to by the Joint Apprenticeship and Training Committee will be given the apprentices during regular working hours. The instructors will be selected from personnel qualified to instruct.

Each apprentice shall pursue related and supplemental theoretical studies of not less than approximately eighty (80) hours per year. This outside training shall be approved by the Joint Apprenticeship and Training Committee and shall be pursued on the apprentice's own time and without pay from the City.

H. Salary Step Increases.

Employees are eligible for a salary merit increase based on successful (70%) completion of the required testing for each step as outlined in the City of Roseville Apprentice Line Technician Training Program.

I. Probationary Period.

Employees in the Apprentice classification remain on a probationary status that is in effect throughout their entire Apprenticeship Program, which shall not exceed forty two (42) months. In any case where the Apprentice fails to adhere to standards outlined in the Apprentice Line Technician Program, the employee will be rejected on probation and removed from the program. The City retains its sole discretion to determine whether an Apprentice completes probation.

The Union and City acknowledge and agree that the length of the probationary period

under this Apprenticeship Program reflects the unique nature and required training and evaluation time for the classifications contemplated herein. As described in Roseville Municipal Code, Section 3.06.130, the probationary period is an intrinsic part and extension of the employee selection process during which the employee shall be considered in training and under careful observation and evaluation by supervisory personnel. Generally, this period will be utilized to train and evaluate the employee's effective adjustment to work tasks, conduct, observance of rules, attendance and job responsibilities, and to provide for the release of any probationary employee whose performance does not meet required standards of job progress or adaptation.

J. Reinstatement Rights.

Employees rejected on probation within the first year of the Apprenticeship Program shall be reinstated to the classification from which the employee was promoted if the employee held regular status in the lower level position with the exception of those employees promoted from the Electric Pre-Apprentice position. Employees who were promoted from an Electric Pre-Apprentice position to the Apprentice position or employees who were rejected on probation from the Apprenticeship program in year two or three will be considered to be released from City service without cause at the sole discretion of the City and do not have reinstatement rights to a previously held position within the City. Such release shall not be subject to any appeal. Written notification of release shall be provided to the probationer, and a copy filed with the Human Resources Director or a designee thereof. As negotiated between the Union and City, the provisions of this Amendment #1 to the parties' Memorandum of Understanding control, notwithstanding any other language contained in the City's Personnel Rules, including, but not limited to, Roseville Municipal Code, Title 3, Sections 3.06.140, 3.06.170, and 3.06.180.

K. Demotion.

Employees wishing to voluntarily withdraw from the Apprenticeship Program may request a voluntary demotion pursuant to City's Personnel Rules, Roseville Municipal Code, Title 3, Section 3.07.040.

ARTICLE X. UNION ORIENTATION

The City shall provide thirty minutes for the union's business representative to attend new hire orientation to meet with all new IBEW 1245 bargaining unit employees for the purpose of explaining union contract orientation and enrollment. The City will provide IBEW 1245 one week notice of new hire orientations that include IBEW 1245 employees.

City agrees to meet with IBEW 1245 during the term of the MOU to further explore alternate release time procedures.

ARTICLE XI. EDUCATIONAL REIMBURSEMENT

Employees may be reimbursed for the tuition and fees connected with job-related educational courses up to \$150.00 per course, not to exceed \$300.00 per year. The cost of books is not covered in this Agreement. The employee will submit the request for reimbursement to the supervisor, who will accept or reject the request. The request must be made before the class has been completed. The request will then be forwarded to the Human Resources Department, who will make the final decision to accept or reject the request. No payment will be made until the final proof of passing grade is submitted to the Human

Resources Department. The City will maintain a maximum fund of \$6,000 to be administered by the Human Resources Department for educational reimbursement. Once the fund balance is depleted, no further reimbursements will be approved.

ARTICLE XII. ALCOHOL AND DRUG POLICY

The City and IBEW 1245 agree to continue enforcement of the Alcohol and Drug Policy as referenced in Appendix "Y".

In addition to the above-mentioned policy, all employees will be required to notify the City in writing of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) calendar days after such conviction.

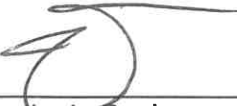
ARTICLE XIII. UNION RELEASE TIME REIMBURSEMENT

At the written request of the Union and upon approval by the applicable department head, designated union stewards may be granted up to four (4) days off per calendar year per steward of reimbursable leave time off to perform union business. Employees shall elect to utilize their accumulated leave time off bank, excluding sick leave, to receive their full regular base wages for the duration of the union leave time off. The leave time off is subject to approval by the employee's supervisor and shall not disrupt operations. The union may request to utilize an additional allotment of a total of 18 hours of reimbursable release time per calendar year for a steward(s) to attend union training sessions. The additional 18 hours may be designated for use to one steward or spread among multiple stewards.

Subsequently, upon written verification from the Union of the amount of time off taken by the employee for union business, the City shall invoice the Union for the total compensation cost of the employee's time off. Within thirty (30) calendar days of receiving the reimbursement payment from the Union for the employee's time off, the City shall reinstate all hours of accumulated leave used for union business to the employee's respective leave bank. While on union release time, the employee shall not be considered to be on City time and accordingly the City shall not incur any liability, including but not limited to workers' compensation and tort liability, arising out of the employee's performance of union business. The Union shall indemnify and hold harmless the City, its officers, agents, employees, and volunteers, individually and collectively, from and against any and all claims, cost, suits, losses, demands, actions, judgments, damages, fees, liabilities, and proceeding of any nature whatsoever arising of, or related to, its adherence to this Article.

The terms and conditions of this Memorandum of Understanding are executed this May 1, 2019 by the Employer-Employee representatives whose signatures appear below on behalf of their respective organizations.

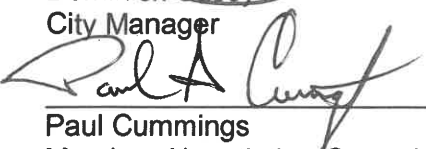
City:



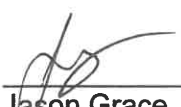
Timothy L. Davis
City Chief Negotiator



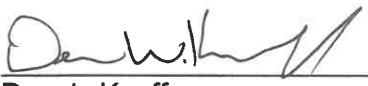
Dominick Casey
City Manager



Paul Cummings
Member, Negotiation Committee



Jason Grace
Member, Negotiation Committee



Dennis Kauffman
Member, Negotiation Committee



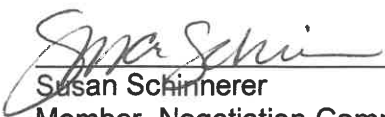
Tom Pontes
Member, Negotiation Committee



Bryan Buchanan
Member, Negotiation Committee



Todd White
Member, Negotiation Committee



Susan Schirrer
Member, Negotiation Committee

IBEW:

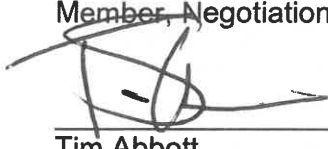


Charley Souders
IBEW Chief Negotiator

Tom Dalzell
IBEW Business Manager

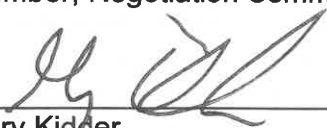


Mike Barton
Member, Negotiation Committee



Tim Abbott
Member, Negotiation Committee

James Bell
Member, Negotiation Committee



Gary Kidder
Member, Negotiation Committee



Shawn Murphy
Member, Negotiation Committee

Susan Schinnerer
Member, Negotiation Committee

APPENDIX “A” “A2” IBEW 1245 CLASSES

150 ELECTRIC APPRENTICE LINE TECH
2328 ELECTRIC DRAFTING TECH I
2330 ELECTRIC DRAFTING TECH II
2340 ELECTRIC ENGINEERING TECH I
2345 ELECTRIC ENGINEERING TECH II
2285 ELECTRIC LINE TECH
2286 ELECTRIC LINE TROUBLESHOOTER
2210 ELECTRIC MATERIALS TECH I
2212 ELECTRIC MATERIALS TECH II
2421 ELECTRIC PRE-APPRENTICE
2254 ELECTRIC PREV DATA SYSTEM TECH
2350 ELECTRIC SYSTEM DISPATCHER
2359 ELECTRIC TECHNOLOGY SYSTS TECH
2360 ELECTRIC UTILITY TECHNICIAN I
2362 ELECTRIC UTILITY TECHNICIAN II
2380 ELECTRONICS TECHNICIAN I
2385 ELECTRONICS TECHNICIAN II
3608 INSTRUMENT & CONTROL TECH
4520 MATERIALS TECHNICIAN
5319 PLANT & EQUIPMENT MAINT WOR II
5316 PLANT & EQUIPMENT MAINT WORK I
5327 PLANT & EQUIPMENT MECHANIC I
5328 PLANT & EQUIPMENT MECHANIC II
5401 PREDICTIVE MAINTENANCE TECH I
5402 PREDICTIVE MAINTENANCE TECH II
5500 PREVENTATIVE MAINT TECH I
5502 PREVENTATIVE MAINT TECH II
5533 PREVENTATIVE MAINTENANCE COORD
5595 PWR ENGINEER I
5596 PWR ENGINEER II
5590 PWR PLANT ENGINEER I
5591 PWR PLANT ENGINEER II
5526 PWR PLNT MECHANIC
5522 PWR PLNT OPERATOR TECH I
5523 PWR PLNT OPERATOR TECH II

7020 SCADA SYSTEM TECHNICIAN
7118 SR ELECTRIC LINE TECHNICIAN
7169 SR ELECTRIC MATERIALS TECH
7124 SR ELECTRIC METERING TECH
7126 SR ELECTRIC SUBSTATION TECH
7168 SR ELECTRIC SYSTEM DISPATCHER
7170 SR ELECTRONIC TECHNICIAN
7205 SR PLANT & EQUIPMENT MECHANIC
7152 SR POWER PLANT OPERATOR/TECH
7284 SR PREVENTATIVE MAINT TECH
7204 SR WATER DISTRIBUTION WORKER
7202 SR WSTWTR UTILITY MAINT WKR
2375 TRAFFIC SIGNAL MAINT WKR I
2376 TRAFFIC SIGNAL MAINT WKR II
9078 WATER CONSERVATION SPECIALIST
9049 WATER CONSERVATION WORKER I
9051 WATER CONSERVATION WORKER II
9246 WATER DISTRIBUTION WORKER I
9248 WATER DISTRIBUTION WORKER II
9027 WSTWTR UTILITY MAINT WKR I
9029 WSTWTR UTILITY MAINT WKR II

APPENDIX “B” TWELVE HOUR SHIFT- SPECIFIC PROVISIONS

In addition to the applicable sections of the MOU, the following shall govern twelve (12) hour shift personnel:

1. Shift work. “Shift work is defined as a position that is staffed with rotating shifts, allowing for twenty-four (24) hour per day coverage, on a seven (7) day per week basis, including holidays.”
2. Lunch and breaks. Lunch Periods: All personnel assigned to twelve (12) hour shifts receive a thirty (30) minute paid lunch. Employees assigned to this shift will not be allowed to leave the work premises and may be required to report to their work station during their meal break.
3. Relief Operator– Overtime – Relief employees will be utilized within the 12-hour shift schedule only when relieving for the Operators on shift. When not relieving, they will work five (5) eight-hour shifts. Overtime will be calculated in accordance with the existing MOU (over 8 and over 40).
4. Paid Leave. A shift work employee who does not work for an entire regularly scheduled shift, shall use paid leave (vacation, CTO, sick, etc.) to supplement the hours worked to provide up to twelve (12) hours of paid time for that day.
5. FLSA work period: For purposes of defining the workweek in compliance with the Fair Labor Standards Act, the workweek for all staff except 12-hour shift employees begins at 12:01 a.m. on Saturday and ends at 12:00 midnight on Friday. The City of Roseville reserves the right to change start times of each work week within a period as appropriate to the selected shift. [The City and IBEW 1245 agree that the Electric Utility Director and/or his/her designee will meet with IBEW 1245's principals for purposes of discussing twelve (12) hour shift schedules]
6. Overtime for twelve (12) hour shifts:

Overtime work may be required of any employees in order to meet special or unusual needs of service beneficial to the City and community. Overtime is defined as the number of hours worked in excess, and as an extension, of the normal schedule of work hours as illustrated below:

EMPLOYEE WORK SCHEDULE

OVERTIME

Twelve hours per day

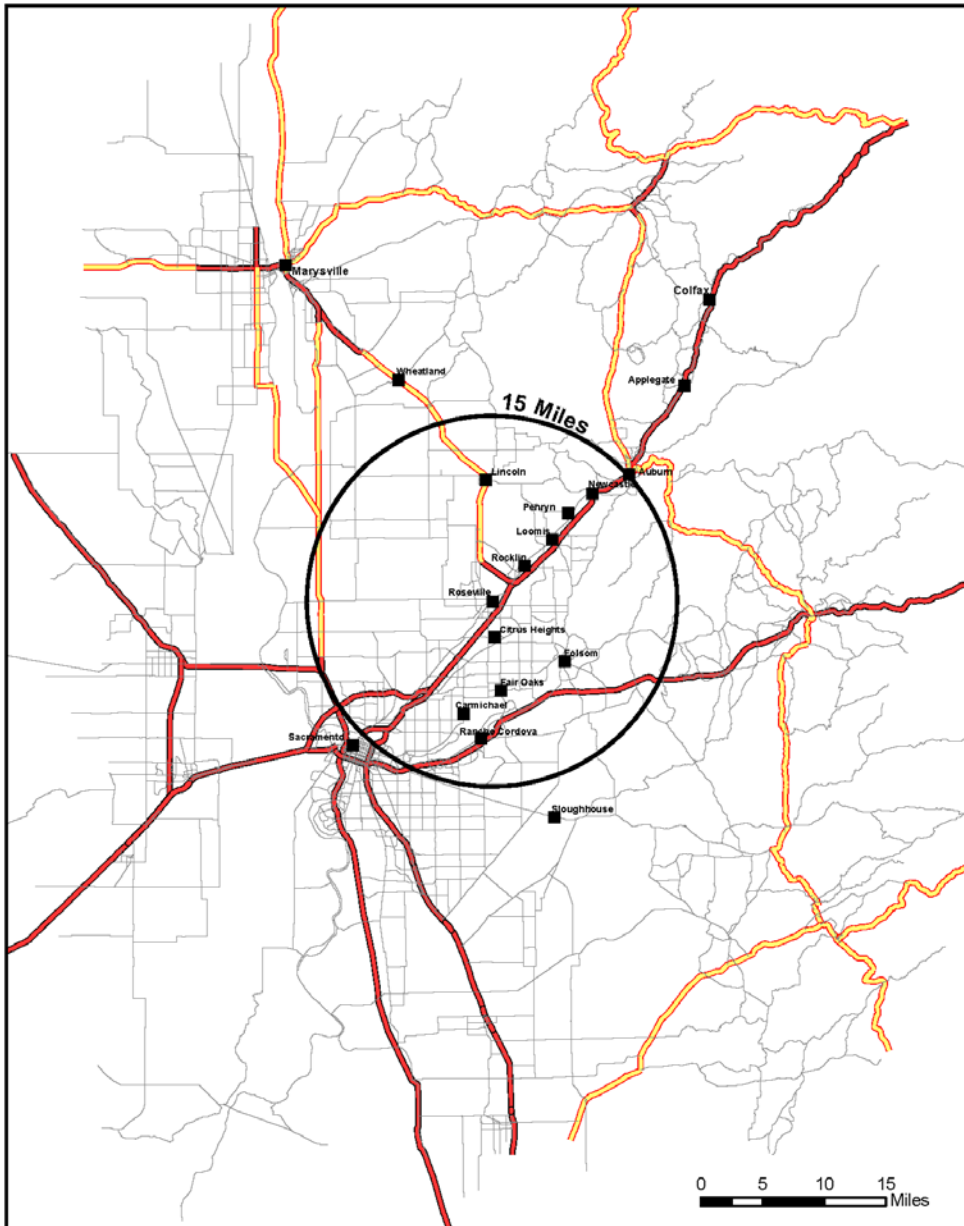
Over twelve hours per day
and forty hours per week

7. Holidays - Employees scheduled to a twelve (12) hour shifts shall receive one hundred ten (110) hours of holiday hours per year, in advance on January 1 of each year, earned in approximately nine (9) hour increments for each one (1) month of continuous employment. Employees must use a minimum of eight (8) hours of holiday with additional hours requested in one (1) hour increments up to twelve (12) hours.
 - a. In lieu of holiday time off, twelve (12) hour shift employees may elect to receive straight salary for up to one half (1/2) of earned and unused holiday credit within each calendar year. All holiday time to be converted to pay by an employee shall be in twelve (12) hour increments. Employees who are interested in cashing out their holiday hours must sell the holiday leave time by the last business day in January of the year the hours are earned.
 - b. All holiday time off is subject to advance approval of the department head.

- c. Holiday hours which are not used by December 31 of the year they are earned will be forfeited by the employee. [If employee is denied use of his/her holiday hours due to operational necessity then leave balances may be cashed out]
 - d. If an employee has taken more holidays in advance than have been earned at the time of separation from service, the City may deduct an equivalent amount of pay for the holidays taken in advance from the employee's final pay check.
- 8. General hours of work – Chapter 6. Article 1. Plant Operators/Technicians and Leadworkers may have week days off.
- 9. The following shall constitute the City's Hours of Service Policy except as otherwise provided herein:
 - a. Except for part time employees, eight (8) or twelve (12) hours (depending on assignment) shall constitute a day's work. Forty (40) hours shall constitute a workweek for employees. Employees will be subject to call twenty four (24) hours per day and shall respond to such calls unless unable to report for required work. Shift work is defined as a position that is staffed with rotating shifts, allowing for twenty-four (24) hour per day coverage on a seven (7) day a week basis, including holidays.
 - b. All full time employees shall have two (2) specified consecutive days off per week, Saturdays and Sundays, if possible, without deduction from pay. As a result of a shift change, an employee may not have two (2) consecutive days off in a given week. In case of emergency, and if the position must be continuously filled, an employee may be required to work on weekly days off.
 - c. The appointing authority of each department shall draw up a schedule of days off for all full time employees under the department's jurisdiction.
 - d. Change of Schedule: Employees involved in a mandatory change of schedule which involves a modification in an employee's starting time or days off will be given a minimum of ten (10) working days' notice. Relief shift personnel may have their schedule changes with little or no notice. Twelve (12) hour shift workers will be given a minimum of fourteen (14) calendar days notice.
 - e. The Department Head or his/her designated authority may waive the above-stated provisions in emergency situations as determined.
 - f. Employees may be assigned to work Saturdays, Sundays, holidays or regular days off and take days off during the week. Each such employee shall report for duty at the assigned duty station at the regular starting time and shall remain on duty eight (8) hours (twelve (12) hours of Power Plant staff), performing all regular duties of the position and other duties in connection with the maintenance and operation of the department. During the other sixteen (16) hours of Saturdays, Sundays, holidays or regular days off, such employee will be available for call, but shall not be required to remain at home.
 - g. Employees who report for work or extend their shift for turnover transition must have prior supervisory approval and will be compensated for the actual time worked.

APPENDIX "X" MAP

Take Home Vehicles Distance Map



APPENDIX “Y” DRUG AND ALCOHOL POLICY

ORDINANCE NO. 6086

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 5913, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL
REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL
WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-A), AS AMENDED BY APPENDIX "A"
TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 5913, the Salary Ordinance for electric personnel represented by the International Brotherhood of Electrical Workers, AFL-CIO, Local No. 1245 (IBEW-A), is hereby amended as shown on Appendix "A" attached hereto.

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective April 27, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect April 27, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES	COUNCILMEMBERS:
NOES	COUNCILMEMBERS:
ABSENT	COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY OF ROSEVILLE SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
150 ELECTRIC APPRENTICE LINE TECH					
	STEP A	42.5684	3405.47	7378.53	88542.32
	STEP B	45.8429	3667.43	7946.11	95353.27
	STEP C	49.1174	3929.39	8513.69	102164.22
	STEP D	52.3919	4191.35	9081.26	108975.17
	STEP E	55.6664	4453.31	9648.84	115786.12
	STEP F	58.9409	4715.27	10216.42	122597.06
2328 ELECTRIC DRAFTING TECH I					
	STEP A	28.7789	2302.31	4988.34	59860.03
	STEP B	30.2178	2417.42	5237.75	62853.04
	STEP C	31.7287	2538.30	5499.64	65995.69
	STEP D	33.3151	2665.21	5774.62	69295.47
	STEP E	34.9809	2798.47	6063.35	72760.25
	STEP F	36.7299	2938.39	6366.52	76398.26
	STEP G	38.5664	3085.31	6684.85	80218.17
	STEP H	40.4948	3239.58	7019.09	84229.08
2330 ELECTRIC DRAFTING TECH II					
	STEP A	31.6567	2532.54	5487.17	65846.04
	STEP B	33.2396	2659.17	5761.53	69138.34
	STEP C	34.9016	2792.13	6049.60	72595.26
	STEP D	36.6466	2931.73	6352.08	76225.02
	STEP E	38.4790	3078.32	6669.69	80036.27
	STEP F	40.4029	3232.23	7003.17	84038.08
	STEP G	42.4231	3393.85	7353.33	88239.99
	STEP H	44.5442	3563.54	7721.00	92651.99
2340 ELECTRIC ENGINEERING TECH I					
	STEP A	34.4837	2758.69	5977.17	71726.07
	STEP B	36.2079	2896.63	6276.03	75312.37
	STEP C	38.0183	3041.46	6589.83	79077.99
	STEP D	39.9192	3193.53	6919.32	83031.89
	STEP E	41.9151	3353.21	7265.29	87183.48
	STEP F	44.0109	3520.87	7628.55	91542.65
	STEP G	46.2114	3696.91	8009.98	96119.79
	STEP H	48.5220	3881.76	8410.48	100925.78

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
2345 ELECTRIC ENGINEERING TECH II					
	STEP A	37.9324	3034.60	6574.96	78899.48
	STEP B	39.8291	3186.33	6903.70	82844.45
	STEP C	41.8205	3345.64	7248.89	86986.68
	STEP D	43.9115	3512.92	7611.33	91336.01
	STEP E	46.1071	3688.57	7991.90	95902.81
	STEP F	48.4125	3873.00	8391.50	100697.95
	STEP G	50.8331	4066.65	8811.07	105732.85
	STEP H	53.3748	4269.98	9251.62	111019.49
2285 ELECTRIC LINE TECH					
	STEP A	65.4899	5239.19	11351.58	136218.96
2286 ELECTRIC LINE TROUBLESHOOTER					
	STEP A	48.8699	3909.59	8470.79	101649.47
	STEP B	51.3134	4105.07	8894.33	106731.94
	STEP C	53.8791	4310.33	9339.04	112068.54
	STEP D	56.5731	4525.84	9806.00	117671.97
	STEP E	59.4017	4752.14	10296.30	123555.56
	STEP F	62.3718	4989.74	10811.11	129733.34
	STEP G	65.4904	5239.23	11351.67	136220.01
	STEP H	68.7649	5501.19	11919.25	143031.01
2210 ELECTRIC MATERIALS TECH I					
	STEP A	30.0696	2405.57	5212.06	62544.71
	STEP B	31.5731	2525.84	5472.66	65671.95
	STEP C	33.1517	2652.14	5746.30	68955.55
	STEP D	34.8093	2784.74	6033.61	72403.32
	STEP E	36.5498	2923.98	6335.29	76023.49
	STEP F	38.3772	3070.18	6652.06	79824.66
	STEP G	40.2961	3223.69	6984.66	83815.90
	STEP H	42.3109	3384.87	7333.89	88006.69
2212 ELECTRIC MATERIALS TECH II					
	STEP A	33.0765	2646.12	5733.27	68799.18
	STEP B	34.7304	2778.43	6019.93	72239.14
	STEP C	36.4669	2917.35	6320.92	75851.10
	STEP D	38.2902	3063.22	6636.97	79643.65
	STEP E	40.2047	3216.38	6968.82	83625.84
	STEP F	42.2150	3377.20	7317.26	87807.13
	STEP G	44.3257	3546.06	7683.12	92197.49
	STEP H	46.5420	3723.36	8067.28	96807.36

CITY OF ROSEVILLE SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
2421 ELECTRIC PRE-APPRENTICE					
	STEP A	27.6695	2213.56	4796.04	57552.51
	STEP B	29.7979	2383.83	5164.97	61979.63
	STEP C	31.9263	2554.11	5533.90	66406.74
	STEP D	34.0547	2724.38	5902.82	70833.86
	STEP E	36.1832	2894.65	6271.75	75260.98
	STEP F	38.3116	3064.93	6640.67	79688.09
2254 ELECTRIC PREV DATA SYSTEM TECH					
	STEP A	27.3360	2186.88	4738.24	56858.83
	STEP B	28.7028	2296.22	4975.15	59701.77
	STEP C	30.1379	2411.03	5223.90	62686.86
	STEP D	31.6448	2531.58	5485.10	65821.20
	STEP E	33.2270	2658.16	5759.36	69112.26
	STEP F	34.8884	2791.07	6047.32	72567.88
	STEP G	36.6328	2930.63	6349.69	76196.27
	STEP H	38.4645	3077.16	6667.17	80006.08
2350 ELECTRIC SYSTEM DISPATCHER					
	STEP A	51.1972	4095.78	8874.19	106490.23
	STEP B	53.7571	4300.57	9317.90	111814.74
	STEP C	56.4449	4515.60	9783.79	117405.48
	STEP D	59.2672	4741.38	10272.98	123275.75
	STEP E	62.2305	4978.44	10786.63	129439.54
	STEP F	65.3421	5227.37	11325.96	135911.52
	STEP G	68.6092	5488.73	11892.26	142707.09
	STEP H	72.0396	5763.17	12486.87	149842.45
2359 ELECTRIC TECHNOLOGY SYSTS TECH					
	STEP A	44.5722	3565.78	7725.85	92710.20
	STEP B	46.8008	3744.07	8112.14	97345.71
	STEP C	49.1409	3931.27	8517.75	102213.00
	STEP D	51.5979	4127.83	8943.64	107323.65
	STEP E	54.1778	4334.22	9390.82	112689.83
	STEP F	56.8867	4550.94	9860.36	118324.32
	STEP G	59.7310	4778.48	10353.38	124240.54
	STEP H	62.7176	5017.41	10871.05	130452.56

CITY OF ROSEVILLE **SALARY SCHEDULE - A**

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
9250 ELECTRIC UTILITY INSPECTION TECH					
	STEP A	42.3118	3384.94	7334.04	88008.45
	STEP B	44.4273	3554.19	7700.74	92408.88
	STEP C	46.6487	3731.90	8085.78	97029.32
	STEP D	48.9811	3918.49	8490.07	101880.79
	STEP E	51.4302	4114.42	8914.57	106974.82
	STEP F	54.0017	4320.14	9360.30	112323.57
	STEP G	56.7018	4536.14	9828.31	117939.74
	STEP H	59.5369	4762.95	10319.73	123836.73
2360 ELECTRIC UTILITY TECHNICIAN I					
	STEP A	42.5496	3403.97	7375.27	88503.24
	STEP B	44.6771	3574.17	7744.03	92928.40
	STEP C	46.9110	3752.88	8131.23	97574.82
	STEP D	49.2565	3940.52	8537.80	102453.56
	STEP E	51.7193	4137.55	8964.69	107576.24
	STEP F	54.3053	4344.42	9412.92	112955.05
	STEP G	57.0206	4561.65	9883.57	118602.80
	STEP H	59.8716	4789.73	10377.75	124532.94
2362 ELECTRIC UTILITY TECHNICIAN II					
	STEP A	46.8074	3744.59	8113.28	97359.34
	STEP B	49.1477	3931.82	8518.94	102227.30
	STEP C	51.6051	4128.41	8944.89	107338.67
	STEP D	54.1854	4334.83	9392.13	112705.60
	STEP E	56.8947	4551.57	9861.74	118340.88
	STEP F	59.7394	4779.15	10354.83	124257.93
	STEP G	62.7264	5018.11	10872.57	130470.82
	STEP H	65.8627	5269.01	11416.20	136994.36
2380 ELECTRONICS TECHNICIAN I					
	STEP A	34.4869	2758.96	5977.74	71732.85
	STEP B	36.2113	2896.90	6276.62	75319.49
	STEP C	38.0219	3041.75	6590.46	79085.47
	STEP D	39.9230	3193.84	6919.98	83039.74
	STEP E	41.9191	3353.53	7265.98	87191.73
	STEP F	44.0151	3521.20	7629.28	91551.31
	STEP G	46.2158	3697.26	8010.74	96128.88
	STEP H	48.5266	3882.13	8411.28	100935.32

CITY OF ROSEVILLE SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
2385 ELECTRONICS TECHNICIAN II					
	STEP A	37.9355	3034.84	6575.49	78905.92
	STEP B	39.8323	3186.59	6904.27	82851.21
	STEP C	41.8239	3345.91	7249.48	86993.77
	STEP D	43.9151	3513.21	7611.96	91343.46
	STEP E	46.1109	3688.87	7992.55	95910.64
	STEP F	48.4164	3873.31	8392.18	100706.17
	STEP G	50.8372	4066.98	8811.79	105741.48
	STEP H	53.3791	4270.33	9252.38	111028.55
3608 INSTRUMENT & CONTROL TECH					
	STEP A	49.0333	3922.67	8499.11	101989.32
	STEP B	51.4850	4118.80	8924.07	107088.78
	STEP C	54.0592	4324.74	9370.27	112443.22
	STEP D	56.7622	4540.98	9838.78	118065.38
	STEP E	59.6003	4768.03	10330.72	123968.65
	STEP F	62.5803	5006.43	10847.26	130167.09
	STEP G	65.7093	5256.75	11389.62	136675.44
	STEP H	68.9948	5519.59	11959.10	143509.21
4520 MATERIALS TECHNICIAN					
	STEP A	31.5015	2520.12	5460.25	65523.03
	STEP B	33.0765	2646.12	5733.27	68799.18
	STEP C	34.7304	2778.43	6019.93	72239.14
	STEP D	36.4669	2917.35	6320.92	75851.10
	STEP E	38.2902	3063.22	6636.97	79643.65
	STEP F	40.2047	3216.38	6968.82	83625.84
	STEP G	42.2150	3377.20	7317.26	87807.13
	STEP H	44.3257	3546.06	7683.12	92197.49
5319 PLANT & EQUIPMENT MAINT WOR II					
	STEP A	23.6675	1893.40	4102.37	49228.42
	STEP B	24.8509	1988.07	4307.49	51689.84
	STEP C	26.0934	2087.47	4522.86	54274.34
	STEP D	27.3981	2191.85	4749.00	56988.05
	STEP E	28.7680	2301.44	4986.45	59837.46
	STEP F	30.2064	2416.51	5235.78	62829.33
	STEP G	31.7167	2537.34	5497.57	65970.80
	STEP H	33.3026	2664.21	5772.44	69269.34

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
5316 PLANT & EQUIPMENT MAINT WORK I					
	STEP A	21.5159	1721.27	3729.43	44753.11
	STEP B	22.5917	1807.34	3915.90	46990.77
	STEP C	23.7213	1897.70	4111.69	49340.31
	STEP D	24.9074	1992.59	4317.28	51807.32
	STEP E	26.1527	2092.22	4533.14	54397.69
	STEP F	27.4604	2196.83	4759.80	57117.57
	STEP G	28.8334	2306.67	4997.79	59973.45
	STEP H	30.2751	2422.00	5247.68	62972.12
5327 PLANT & EQUIPMENT MECHANIC I					
	STEP A	26.0343	2082.74	4512.61	54151.27
	STEP B	27.3360	2186.88	4738.24	56858.83
	STEP C	28.7028	2296.22	4975.15	59701.77
	STEP D	30.1379	2411.03	5223.90	62686.86
	STEP E	31.6448	2531.58	5485.10	65821.20
	STEP F	33.2270	2658.16	5759.36	69112.26
	STEP G	34.8884	2791.07	6047.32	72567.88
	STEP H	36.6328	2930.63	6349.69	76196.27
5328 PLANT & EQUIPMENT MECHANIC II					
	STEP A	28.6377	2291.02	4963.87	59566.39
	STEP B	30.0696	2405.57	5212.06	62544.71
	STEP C	31.5731	2525.84	5472.66	65671.95
	STEP D	33.1517	2652.14	5746.30	68955.55
	STEP E	34.8093	2784.74	6033.61	72403.32
	STEP F	36.5498	2923.98	6335.29	76023.49
	STEP G	38.3772	3070.18	6652.06	79824.66
	STEP H	40.2961	3223.69	6984.66	83815.90
5401 PREDICTIVE MAINTENANCE TECH I					
	STEP A	34.4869	2758.96	5977.74	71732.85
	STEP B	36.2113	2896.90	6276.62	75319.49
	STEP C	38.0219	3041.75	6590.46	79085.47
	STEP D	39.9230	3193.84	6919.98	83039.74
	STEP E	41.9191	3353.53	7265.98	87191.73
	STEP F	44.0151	3521.20	7629.28	91551.31
	STEP G	46.2158	3697.26	8010.74	96128.88
	STEP H	48.5266	3882.13	8411.28	100935.32

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A

Title	Step	Hourly	Bi-weekly	Monthly	Annual
5402 PREDICTIVE MAINTENANCE TECH II					
	STEP A	37.9355	3034.84	6575.49	78905.92
	STEP B	39.8323	3186.59	6904.27	82851.21
	STEP C	41.8239	3345.91	7249.48	86993.77
	STEP D	43.9151	3513.21	7611.96	91343.46
	STEP E	46.1109	3688.87	7992.55	95910.64
	STEP F	48.4164	3873.31	8392.18	100706.17
	STEP G	50.8372	4066.98	8811.79	105741.48
	STEP H	53.3791	4270.33	9252.38	111028.55
5500 PREVENTATIVE MAINT TECH I					
	STEP A	29.9887	2399.10	5198.05	62376.57
	STEP B	31.4882	2519.05	5457.95	65495.40
	STEP C	33.0626	2645.01	5730.85	68770.17
	STEP D	34.7157	2777.26	6017.39	72208.68
	STEP E	36.4515	2916.12	6318.26	75819.11
	STEP F	38.2741	3061.93	6634.17	79610.07
	STEP G	40.1878	3215.02	6965.88	83590.57
	STEP H	42.1972	3375.77	7314.18	87770.10
5502 PREVENTATIVE MAINT TECH II					
	STEP A	32.9876	2639.01	5717.86	68614.27
	STEP B	34.6370	2770.96	6003.75	72044.98
	STEP C	36.3689	2909.51	6303.94	75647.23
	STEP D	38.1873	3054.98	6619.13	79429.59
	STEP E	40.0967	3207.73	6950.09	83401.07
	STEP F	42.1015	3368.12	7297.59	87571.12
	STEP G	44.2066	3536.53	7662.47	91949.68
	STEP H	46.4169	3713.35	8045.60	96547.16
5533 PREVENTATIVE MAINTENANCE COORD					
	STEP A	31.8913	2551.30	5527.82	66333.89
	STEP B	33.4859	2678.87	5804.22	69650.59
	STEP C	35.1602	2812.81	6094.43	73133.11
	STEP D	36.9182	2953.45	6399.15	76789.77
	STEP E	38.7641	3101.13	6719.10	80629.26
	STEP F	40.7023	3256.18	7055.06	84660.72
	STEP G	42.7374	3418.99	7407.81	88893.76
	STEP H	44.8743	3589.94	7778.20	93338.45

CITY OF ROSEVILLE **SALARY SCHEDULE - A**

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
5595 PWR ENGINEER I					
	STEP A	44.9404	3595.23	7789.67	93476.03
	STEP B	47.1874	3774.99	8179.15	98149.83
	STEP C	49.5468	3963.74	8588.11	103057.32
	STEP D	52.0241	4161.93	9017.52	108210.18
	STEP E	54.6253	4370.03	9468.39	113620.69
	STEP F	57.3566	4588.53	9941.81	119301.73
	STEP G	60.2244	4817.95	10438.90	125266.82
	STEP H	63.2357	5058.85	10960.85	131530.16
5596 PWR ENGINEER II					
	STEP A	49.4344	3954.75	8568.64	102823.63
	STEP B	51.9062	4152.49	8997.07	107964.81
	STEP C	54.5015	4360.12	9446.92	113363.05
	STEP D	57.2265	4578.12	9919.27	119031.20
	STEP E	60.0879	4807.03	10415.23	124982.76
	STEP F	63.0923	5047.38	10935.99	131231.90
	STEP G	66.2469	5299.75	11482.79	137793.50
	STEP H	69.5592	5564.74	12056.93	144683.17
5590 PWR PLANT ENGINEER I					
	STEP A	44.9404	3595.23	7789.67	93476.03
	STEP B	47.1874	3774.99	8179.15	98149.83
	STEP C	49.5468	3963.74	8588.11	103057.32
	STEP D	52.0241	4161.93	9017.52	108210.18
	STEP E	54.6253	4370.03	9468.39	113620.69
	STEP F	57.3566	4588.53	9941.81	119301.73
	STEP G	60.2244	4817.95	10438.90	125266.82
	STEP H	63.2357	5058.85	10960.85	131530.16
5591 PWR PLANT ENGINEER II					
	STEP A	49.4344	3954.75	8568.64	102823.63
	STEP B	51.9062	4152.49	8997.07	107964.81
	STEP C	54.5015	4360.12	9446.92	113363.05
	STEP D	57.2265	4578.12	9919.27	119031.20
	STEP E	60.0879	4807.03	10415.23	124982.76
	STEP F	63.0923	5047.38	10935.99	131231.90
	STEP G	66.2469	5299.75	11482.79	137793.50
	STEP H	69.5592	5564.74	12056.93	144683.17

CITY OF ROSEVILLE SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
5526 PWR PLNT MECHANIC					
	STEP A	43.6909	3495.28	7573.10	90877.16
	STEP B	45.8755	3670.04	7951.75	95421.01
	STEP C	48.1693	3853.54	8349.34	100192.06
	STEP D	50.5777	4046.22	8766.81	105201.67
	STEP E	53.1066	4248.53	9205.15	110461.75
	STEP F	55.7619	4460.96	9665.40	115984.84
	STEP G	58.5500	4684.00	10148.67	121784.08
	STEP H	61.4775	4918.20	10656.11	127873.28
5522 PWR PLNT OPERATOR TECH I					
	STEP A	42.4531	3396.25	7358.54	88302.44
	STEP B	44.5758	3566.06	7726.46	92717.56
	STEP C	46.8045	3744.36	8112.79	97353.44
	STEP D	49.1448	3931.58	8518.43	102221.11
	STEP E	51.6020	4128.16	8944.35	107332.17
	STEP F	54.1821	4334.57	9391.56	112698.78
	STEP G	56.8912	4551.30	9861.14	118333.71
	STEP H	59.7358	4778.86	10354.20	124250.40
5523 PWR PLNT OPERATOR TECH II					
	STEP A	46.6984	3735.87	8094.39	97132.68
	STEP B	49.0333	3922.67	8499.11	101989.32
	STEP C	51.4850	4118.80	8924.07	107088.78
	STEP D	54.0592	4324.74	9370.27	112443.22
	STEP E	56.7622	4540.98	9838.78	118065.38
	STEP F	59.6003	4768.03	10330.72	123968.65
	STEP G	62.5803	5006.43	10847.26	130167.09
	STEP H	65.7093	5256.75	11389.62	136675.44
7020 SCADA SYSTEM TECHNICIAN					
	STEP A	37.9355	3034.84	6575.49	78905.92
	STEP B	39.8323	3186.59	6904.27	82851.21
	STEP C	41.8239	3345.91	7249.48	86993.77
	STEP D	43.9151	3513.21	7611.96	91343.46
	STEP E	46.1109	3688.87	7992.55	95910.64
	STEP F	48.4164	3873.31	8392.18	100706.17
	STEP G	50.8372	4066.98	8811.79	105741.48
	STEP H	53.3791	4270.33	9252.38	111028.55

CITY OF ROSEVILLE SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A

Title	Step	Hourly	Bi-weekly	Monthly	Annual
7118 SR ELECTRIC LINE TECHNICIAN					
	STEP A	51.1972	4095.78	8874.19	106490.23
	STEP B	53.7571	4300.57	9317.90	111814.74
	STEP C	56.4449	4515.60	9783.79	117405.48
	STEP D	59.2672	4741.38	10272.98	123275.75
	STEP E	62.2305	4978.44	10786.63	129439.54
	STEP F	65.3421	5227.37	11325.96	135911.52
	STEP G	68.6092	5488.73	11892.26	142707.09
	STEP H	72.0396	5763.17	12486.87	149842.45
7169 SR ELECTRIC MATERIALS TECH					
	STEP A	36.3842	2910.73	6306.59	75679.10
	STEP B	38.2034	3056.27	6621.92	79463.06
	STEP C	40.1136	3209.08	6953.02	83436.21
	STEP D	42.1192	3369.54	7300.67	87608.02
	STEP E	44.2252	3538.02	7665.70	91988.42
	STEP F	46.4365	3714.92	8048.99	96587.84
	STEP G	48.7583	3900.66	8451.44	101417.23
	STEP H	51.1962	4095.70	8874.01	106488.10
7124 SR ELECTRIC METERING TECH					
	STEP A	51.4881	4119.05	8924.60	107095.23
	STEP B	54.0625	4325.00	9370.83	112449.99
	STEP C	56.7656	4541.25	9839.37	118072.49
	STEP D	59.6039	4768.31	10331.34	123976.11
	STEP E	62.5841	5006.73	10847.91	130174.92
	STEP F	65.7133	5257.06	11390.31	136683.66
	STEP G	68.9990	5519.92	11959.82	143517.85
	STEP H	72.4489	5795.91	12557.81	150693.74
7126 SR ELECTRIC SUBSTATION TECH					
	STEP A	51.4881	4119.05	8924.60	107095.23
	STEP B	54.0625	4325.00	9370.83	112449.99
	STEP C	56.7656	4541.25	9839.37	118072.49
	STEP D	59.6039	4768.31	10331.34	123976.11
	STEP E	62.5841	5006.73	10847.91	130174.92
	STEP F	65.7133	5257.06	11390.31	136683.66
	STEP G	68.9990	5519.92	11959.82	143517.85
	STEP H	72.4489	5795.91	12557.81	150693.74

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A

Title	Step	Hourly	Bi-weekly	Monthly	Annual
7168 SR ELECTRIC SYSTEM DISPATCHER					
	STEP A	56.3169	4505.35	9761.59	117139.05
	STEP B	59.1327	4730.62	10249.67	122996.01
	STEP C	62.0893	4967.15	10762.15	129145.81
	STEP D	65.1938	5215.50	11300.26	135603.10
	STEP E	68.4535	5476.28	11865.27	142383.25
	STEP F	71.8762	5750.09	12458.53	149502.41
	STEP G	75.4700	6037.60	13081.46	156977.53
	STEP H	79.2435	6339.48	13735.53	164826.41
7170 SR ELECTRONIC TECHNICIAN					
	STEP A	41.7292	3338.34	7233.06	86796.72
	STEP B	43.8157	3505.25	7594.71	91136.55
	STEP C	46.0064	3680.51	7974.45	95693.38
	STEP D	48.3068	3864.54	8373.17	100478.05
	STEP E	50.7221	4057.77	8791.83	105501.95
	STEP F	53.2582	4260.66	9231.42	110777.05
	STEP G	55.9211	4473.69	9692.99	116315.90
	STEP H	58.7172	4697.37	10177.64	122131.70
7205 SR PLANT & EQUIPMENT MECHANIC					
	STEP A	31.5015	2520.12	5460.25	65523.03
	STEP B	33.0765	2646.12	5733.27	68799.18
	STEP C	34.7304	2778.43	6019.93	72239.14
	STEP D	36.4669	2917.35	6320.92	75851.10
	STEP E	38.2902	3063.22	6636.97	79643.65
	STEP F	40.2047	3216.38	6968.82	83625.84
	STEP G	42.2150	3377.20	7317.26	87807.13
	STEP H	44.3257	3546.06	7683.12	92197.49
7152 SR POWER PLANT OPERATOR/TECH					
	STEP A	51.3682	4109.46	8903.83	106845.95
	STEP B	53.9367	4314.93	9349.02	112188.25
	STEP C	56.6335	4530.68	9816.47	117797.66
	STEP D	59.4652	4757.21	10307.30	123687.55
	STEP E	62.4384	4995.07	10822.66	129871.92
	STEP F	65.5603	5244.83	11363.79	136365.52
	STEP G	68.8384	5507.07	11931.98	143183.79
	STEP H	72.2803	5782.42	12528.58	150342.98

CITY OF ROSEVILLE

SALARY SCHEDULE - A

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
7284 SR PREVENTATIVE MAINT TECH					
	STEP A	41.8235	3345.88	7249.41	86992.96
	STEP B	43.9147	3513.18	7611.88	91342.61
	STEP C	46.1105	3688.84	7992.48	95909.74
	STEP D	48.4160	3873.28	8392.10	100705.23
	STEP E	50.8368	4066.94	8811.71	105740.49
	STEP F	53.3786	4270.29	9252.29	111027.51
	STEP G	56.0475	4483.80	9714.91	116578.89
	STEP H	58.8499	4707.99	10200.65	122407.83
2375 TRAFFIC SIGNAL MAINT WKR I					
	STEP A	25.2311	2018.49	4373.39	52480.71
	STEP B	26.4927	2119.41	4592.06	55104.75
	STEP C	27.8173	2225.38	4821.67	57859.99
	STEP D	29.2082	2336.65	5062.75	60752.99
	STEP E	30.6686	2453.49	5315.89	63790.63
	STEP F	32.2020	2576.16	5581.68	66980.17
	STEP G	33.8121	2704.97	5860.76	70329.17
	STEP H	35.5027	2840.22	6153.80	73845.63

CITY OF ROSEVILLE **SALARY SCHEDULE - A**

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
2376 TRAFFIC SIGNAL MAINT WKR II					
	STEP A	27.7542	2220.34	4810.74	57728.84
	STEP B	29.1420	2331.36	5051.27	60615.28
	STEP C	30.5991	2447.92	5303.84	63646.04
	STEP D	32.1290	2570.32	5569.03	66828.34
	STEP E	33.7355	2698.84	5847.48	70169.76
	STEP F	35.4222	2833.78	6139.85	73678.25
	STEP G	37.1933	2975.47	6446.85	77362.16
	STEP H	39.0530	3124.24	6769.19	81230.27

ORDINANCE NO. 6087

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 5914, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL
REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL
WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-A2), AS AMENDED BY APPENDIX "A"
TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 5914, the Salary Ordinance for electric personnel represented by the International Brotherhood of Electrical Workers, AFL-CIO, Local No. 1245 (IBEW-A2), is hereby amended as shown on Appendix "A" attached hereto.

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective April 27, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect April 27, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES	COUNCILMEMBERS:
NOES	COUNCILMEMBERS:
ABSENT	COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY OF ROSEVILLE SALARY SCHEDULE - A2

Effective Date: 04/27/19

IBEW A

Title	Step	Hourly	Bi-weekly	Monthly	Annual
7204 SR WATER DISTRIBUTION WORKER					
	STEP A	27.8163	2225.30	4821.49	57857.93
	STEP B	29.2071	2336.57	5062.57	60750.82
	STEP C	30.6675	2453.40	5315.70	63788.36
	STEP D	32.2009	2576.07	5581.48	66977.78
	STEP E	33.8109	2704.87	5860.56	70326.67
	STEP F	35.5014	2840.12	6153.58	73843.00
	STEP G	37.2765	2982.12	6461.26	77535.15
	STEP H	39.1403	3131.23	6784.33	81411.91
7202 SR WSTWTR UTILITY MAINT WKR					
	STEP A	27.8163	2225.30	4821.49	57857.93
	STEP B	29.2071	2336.57	5062.57	60750.82
	STEP C	30.6675	2453.40	5315.70	63788.36
	STEP D	32.2009	2576.07	5581.48	66977.78
	STEP E	33.8109	2704.87	5860.56	70326.67
	STEP F	35.5014	2840.12	6153.58	73843.00
	STEP G	37.2765	2982.12	6461.26	77535.15
	STEP H	39.1403	3131.23	6784.33	81411.91
9078 WATER CONSERVATION SPECIALIST					
	STEP A	27.8163	2225.30	4821.49	57857.93
	STEP B	29.2071	2336.57	5062.57	60750.82
	STEP C	30.6675	2453.40	5315.70	63788.36
	STEP D	32.2009	2576.07	5581.48	66977.78
	STEP E	33.8109	2704.87	5860.56	70326.67
	STEP F	35.5014	2840.12	6153.58	73843.00
	STEP G	37.2765	2982.12	6461.26	77535.15
	STEP H	39.1403	3131.23	6784.33	81411.91
9049 WATER CONSERVATION WORKER I					
	STEP A	21.1714	1693.71	3669.71	44036.50
	STEP B	22.2300	1778.40	3853.19	46238.32
	STEP C	23.3415	1867.32	4045.85	48550.24
	STEP D	24.5085	1960.68	4248.15	50977.75
	STEP E	25.7340	2058.72	4460.55	53526.64
	STEP F	27.0207	2161.65	4683.58	56202.97
	STEP G	28.3717	2269.74	4917.76	59013.12
	STEP H	29.7903	2383.22	5163.65	61963.78

CITY OF ROSEVILLE

SALARY SCHEDULE - A2

Effective Date: 04/27/19

IBEW A

Title	Step	Hourly	Bi-weekly	Monthly	Annual
9051 WATER CONSERVATION WORKER II					
	STEP A	25.2311	2018.49	4373.39	52480.71
	STEP B	26.4927	2119.41	4592.06	55104.75
	STEP C	27.8173	2225.38	4821.67	57859.99
	STEP D	29.2082	2336.65	5062.75	60752.99
	STEP E	30.6686	2453.49	5315.89	63790.63
	STEP F	32.2020	2576.16	5581.68	66980.17
	STEP G	33.8121	2704.97	5860.76	70329.17
	STEP H	35.5027	2840.22	6153.80	73845.63
9246 WATER DISTRIBUTION WORKER I					
	STEP A	21.1714	1693.71	3669.71	44036.50
	STEP B	22.2300	1778.40	3853.19	46238.32
	STEP C	23.3415	1867.32	4045.85	48550.24
	STEP D	24.5085	1960.68	4248.15	50977.75
	STEP E	25.7340	2058.72	4460.55	53526.64
	STEP F	27.0207	2161.65	4683.58	56202.97
	STEP G	28.3717	2269.74	4917.76	59013.12
	STEP H	29.7903	2383.22	5163.65	61963.78
9248 WATER DISTRIBUTION WORKER II					
	STEP A	25.2311	2018.49	4373.39	52480.71
	STEP B	26.4927	2119.41	4592.06	55104.75
	STEP C	27.8173	2225.38	4821.67	57859.99
	STEP D	29.2082	2336.65	5062.75	60752.99
	STEP E	30.6686	2453.49	5315.89	63790.63
	STEP F	32.2020	2576.16	5581.68	66980.17
	STEP G	33.8121	2704.97	5860.76	70329.17
	STEP H	35.5027	2840.22	6153.80	73845.63
9027 WSTWTR UTILITY MAINT WKR I					
	STEP A	21.1714	1693.71	3669.71	44036.50
	STEP B	22.2300	1778.40	3853.19	46238.32
	STEP C	23.3415	1867.32	4045.85	48550.24
	STEP D	24.5085	1960.68	4248.15	50977.75
	STEP E	25.7340	2058.72	4460.55	53526.64
	STEP F	27.0207	2161.65	4683.58	56202.97
	STEP G	28.3717	2269.74	4917.76	59013.12
	STEP H	29.7903	2383.22	5163.65	61963.78

CITY OF ROSEVILLE

SALARY SCHEDULE - A2

Effective Date: 04/27/19

IBEW A					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
9029 WSTWTR UTILITY MAINT WKR II					
	STEP A	25.2311	2018.49	4373.39	52480.71
	STEP B	26.4927	2119.41	4592.06	55104.75
	STEP C	27.8173	2225.38	4821.67	57859.99
	STEP D	29.2082	2336.65	5062.75	60752.99
	STEP E	30.6686	2453.49	5315.89	63790.63
	STEP F	32.2020	2576.16	5581.68	66980.17
	STEP G	33.8121	2704.97	5860.76	70329.17
	STEP H	35.5027	2840.22	6153.80	73845.63

ORDINANCE NO. 6088

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 5915, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL
REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL
WORKERS, AFL-CIO, LOCAL NO. 1245 (IBEW-B), AS AMENDED BY APPENDIX "A"
TO BE EFFECTIVE APRIL 27, 2019, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 5915, the Salary Ordinance for electric personnel represented by the International Brotherhood of Electrical Workers, AFL-CIO, Local No. 1245 (IBEW-B), is hereby amended as shown on Appendix "A" attached hereto.

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective April 27, 2019 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect April 27, 2019. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES	COUNCILMEMBERS:
NOES	COUNCILMEMBERS:
ABSENT	COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B200 ELECTRIC APPRENTICE LINE TECH					
	STEP A	42.5684	3405.47	7378.53	88542.32
	STEP B	45.8429	3667.43	7946.11	95353.27
	STEP C	49.1174	3929.39	8513.69	102164.22
	STEP D	52.3919	4191.35	9081.26	108975.17
	STEP E	55.6664	4453.31	9648.84	115786.12
	STEP F	58.9409	4715.27	10216.42	122597.06
B201 ELECTRIC DRAFTING TECH I					
	STEP A	28.7787	2302.30	4988.31	59859.77
	STEP B	29.4894	2359.16	5111.50	61338.03
	STEP C	30.2177	2417.42	5237.73	62852.80
	STEP D	30.9639	2477.11	5367.08	64404.97
	STEP E	31.7286	2538.29	5499.62	65995.48
	STEP F	32.5121	2600.97	5635.44	67625.26
	STEP G	33.3150	2665.20	5774.61	69295.30
	STEP H	34.1378	2731.02	5917.21	71006.57
	STEP I	34.9808	2798.47	6063.34	72760.11
	STEP J	35.8447	2867.57	6213.08	74556.95
	STEP K	36.7299	2938.39	6366.51	76398.16
	STEP L	37.6369	3010.96	6523.74	78284.85
	STEP M	38.5664	3085.31	6684.84	80218.12
	STEP N	39.5188	3161.51	6849.93	82199.14
	STEP O	40.4948	3239.58	7019.09	84229.08
B202 ELECTRIC DRAFTING TECH II					
	STEP A	31.6566	2532.53	5487.15	65845.75
	STEP B	32.4384	2595.07	5622.65	67471.83
	STEP C	33.2395	2659.16	5761.51	69138.08
	STEP D	34.0603	2724.83	5903.79	70845.47
	STEP E	34.9015	2792.12	6049.59	72595.03
	STEP F	35.7634	2861.07	6198.98	74387.79
	STEP G	36.6466	2931.72	6352.07	76224.83
	STEP H	37.5516	3004.12	6508.94	78107.23
	STEP I	38.4789	3078.31	6669.68	80036.12
	STEP J	39.4292	3154.33	6834.39	82012.64
	STEP K	40.4029	3232.23	7003.16	84037.98
	STEP L	41.4006	3312.05	7176.11	86113.33
	STEP M	42.4230	3393.84	7353.33	88239.93
	STEP N	43.4707	3477.66	7534.92	90419.05
	STEP O	44.5442	3563.54	7721.00	92651.99

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B203 ELECTRIC ENGINEERING TECH I					
	STEP A	34.4835	2758.68	5977.15	71725.75
	STEP B	35.3351	2826.81	6124.75	73497.04
	STEP C	36.2077	2896.62	6276.01	75312.08
	STEP D	37.1019	2968.15	6431.00	77171.95
	STEP E	38.0181	3041.45	6589.81	79077.74
	STEP F	38.9570	3116.56	6752.55	81030.59
	STEP G	39.9191	3193.53	6919.31	83031.68
	STEP H	40.9049	3272.39	7090.18	85082.18
	STEP I	41.9151	3353.20	7265.28	87183.32
	STEP J	42.9502	3436.01	7444.70	89336.34
	STEP K	44.0108	3520.87	7628.54	91542.54
	STEP L	45.0977	3607.82	7816.93	93803.22
	STEP M	46.2114	3696.91	8009.98	96119.73
	STEP N	47.3526	3788.21	8207.79	98493.44
	STEP O	48.5220	3881.76	8410.48	100925.78
B204 ELECTRIC ENGINEERING TECH II					
	STEP A	37.9323	3034.58	6574.93	78899.13
	STEP B	38.8690	3109.52	6737.30	80847.58
	STEP C	39.8289	3186.31	6903.68	82844.14
	STEP D	40.8125	3265.00	7074.17	84890.01
	STEP E	41.8204	3345.63	7248.87	86986.40
	STEP F	42.8532	3428.25	7427.88	89134.57
	STEP G	43.9114	3512.91	7611.32	91335.78
	STEP H	44.9958	3599.67	7799.28	93591.35
	STEP I	46.1070	3688.56	7991.89	95902.63
	STEP J	47.2457	3779.65	8189.25	98270.98
	STEP K	48.4124	3872.99	8391.49	100697.83
	STEP L	49.6080	3968.64	8598.72	103184.60
	STEP M	50.8331	4066.65	8811.07	105732.78
	STEP N	52.0884	4167.07	9028.66	108343.90
	STEP O	53.3748	4269.98	9251.62	111019.49
B205 ELECTRIC LINE TECH					
	STEP A	65.4905	5239.24	11351.68	136220.18

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B206 ELECTRIC LINE TROUBLESHOOTER					
	STEP A	48.8697	3909.58	8470.75	101649.02
	STEP B	50.0766	4006.13	8679.94	104159.28
	STEP C	51.3132	4105.06	8894.29	106731.54
	STEP D	52.5804	4206.44	9113.94	109367.32
	STEP E	53.8789	4310.31	9339.02	112068.18
	STEP F	55.2095	4416.76	9569.65	114835.75
	STEP G	56.5729	4525.83	9805.97	117671.67
	STEP H	57.9700	4637.60	10048.13	120577.62
	STEP I	59.4016	4752.13	10296.28	123555.33
	STEP J	60.8685	4869.48	10550.55	126606.58
	STEP K	62.3717	4989.74	10811.10	129733.18
	STEP L	63.9120	5112.96	11078.08	132936.99
	STEP M	65.4903	5239.23	11351.66	136219.92
	STEP N	67.1077	5368.61	11631.99	139583.93
	STEP O	68.7649	5501.19	11919.25	143031.01
B207 ELECTRIC MATERIALS TECH I					
	STEP A	30.0694	2405.56	5212.04	62544.44
	STEP B	30.8120	2464.96	5340.75	64089.00
	STEP C	31.5729	2525.83	5472.64	65671.70
	STEP D	32.3526	2588.21	5607.79	67293.49
	STEP E	33.1516	2652.13	5746.28	68955.33
	STEP F	33.9703	2717.62	5888.18	70658.21
	STEP G	34.8092	2784.74	6033.59	72403.14
	STEP H	35.6688	2853.51	6182.60	74191.16
	STEP I	36.5497	2923.97	6335.28	76023.34
	STEP J	37.4523	2996.18	6491.73	77900.77
	STEP K	38.3772	3070.18	6652.05	79824.56
	STEP L	39.3249	3145.99	6816.32	81795.86
	STEP M	40.2961	3223.69	6984.65	83815.84
	STEP N	41.2912	3303.30	7157.14	85885.71
	STEP O	42.3109	3384.87	7333.89	88006.69

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B208 ELECTRIC MATERIALS TECH II					
	STEP A	33.0764	2646.11	5733.24	68798.88
	STEP B	33.8932	2711.46	5874.82	70497.90
	STEP C	34.7302	2778.42	6019.91	72238.87
	STEP D	35.5879	2847.03	6168.57	74022.84
	STEP E	36.4668	2917.34	6320.91	75850.86
	STEP F	37.3673	2989.39	6477.00	77724.03
	STEP G	38.2901	3063.21	6636.95	79643.45
	STEP H	39.2357	3138.86	6800.86	81610.28
	STEP I	40.2047	3216.37	6968.81	83625.68
	STEP J	41.1975	3295.80	7140.90	85690.85
	STEP K	42.2149	3377.19	7317.25	87807.02
	STEP L	43.2574	3460.59	7497.95	89975.45
	STEP M	44.3257	3546.05	7683.12	92197.43
	STEP N	45.4203	3633.63	7872.86	94474.28
	STEP O	46.5420	3723.36	8067.28	96807.36
B209 ELECTRIC PRE-APPRENTICE					
	STEP A	27.6695	2213.56	4796.04	57552.51
	STEP B	29.7979	2383.83	5164.97	61979.63
	STEP C	31.9263	2554.11	5533.90	66406.74
	STEP D	34.0547	2724.38	5902.82	70833.86
	STEP E	36.1832	2894.65	6271.75	75260.98
	STEP F	38.3116	3064.93	6640.67	79688.09

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B210 ELECTRIC PREV DATA SYSTEM TECH					
	STEP A	27.3359	2186.87	4738.21	56858.58
	STEP B	28.0109	2240.87	4855.23	58262.72
	STEP C	28.7027	2296.21	4975.13	59701.54
	STEP D	29.4115	2352.92	5097.99	61175.90
	STEP E	30.1378	2411.03	5223.89	62686.66
	STEP F	30.8821	2470.57	5352.89	64234.73
	STEP G	31.6447	2531.58	5485.09	65821.04
	STEP H	32.4262	2594.10	5620.54	67446.51
	STEP I	33.2270	2658.16	5759.34	69112.13
	STEP J	34.0475	2723.80	5901.57	70818.88
	STEP K	34.8884	2791.07	6047.32	72567.78
	STEP L	35.7499	2860.00	6196.66	74359.87
	STEP M	36.6328	2930.62	6349.69	76196.22
	STEP N	37.5375	3003.00	6506.49	78077.92
	STEP O	38.4645	3077.16	6667.17	80006.08
B211 ELECTRIC SYSTEM DISPATCHER					
	STEP A	51.1970	4095.76	8874.15	106489.76
	STEP B	52.4613	4196.91	9093.30	109119.57
	STEP C	53.7569	4300.55	9317.86	111814.32
	STEP D	55.0844	4406.75	9547.97	114575.62
	STEP E	56.4448	4515.58	9783.76	117405.11
	STEP F	57.8387	4627.10	10025.37	120304.47
	STEP G	59.2670	4741.36	10272.95	123275.44
	STEP H	60.7307	4858.45	10526.65	126319.78
	STEP I	62.2304	4978.43	10786.61	129439.29
	STEP J	63.7672	5101.38	11052.99	132635.85
	STEP K	65.3420	5227.36	11325.95	135911.35
	STEP L	66.9556	5356.45	11605.64	139267.73
	STEP M	68.6091	5488.73	11892.25	142707.00
	STEP N	70.3035	5624.28	12185.93	146231.21
	STEP O	72.0396	5763.17	12486.87	149842.45

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B212 ELECTRIC TECHNOLOGY SYST TECH					
	STEP A	44.5720	3565.76	7725.82	92709.79
	STEP B	45.6727	3653.82	7916.61	94999.30
	STEP C	46.8006	3744.05	8112.11	97345.34
	STEP D	47.9564	3836.51	8312.44	99749.33
	STEP E	49.1407	3931.26	8517.72	102212.67
	STEP F	50.3543	4028.34	8728.07	104736.86
	STEP G	51.5978	4127.82	8943.61	107323.38
	STEP H	52.8720	4229.76	9164.48	109973.77
	STEP I	54.1777	4334.22	9390.80	112689.62
	STEP J	55.5156	4441.25	9622.71	115472.53
	STEP K	56.8866	4550.93	9860.35	118324.17
	STEP L	58.2915	4663.32	10103.85	121246.23
	STEP M	59.7310	4778.48	10353.37	124240.46
	STEP N	61.2061	4896.49	10609.05	127308.63
	STEP O	62.7176	5017.41	10871.05	130452.56
B256 ELEC UTIL INSPECTION TECH					
	STEP A	42.3116	3384.93	7334.01	88008.06
	STEP B	43.3565	3468.52	7515.12	90181.46
	STEP C	44.4272	3554.17	7700.71	92408.53
	STEP D	45.5243	3641.95	7890.88	94690.59
	STEP E	46.6486	3731.89	8085.75	97029.01
	STEP F	47.8006	3824.05	8285.43	99425.18
	STEP G	48.9810	3918.48	8490.04	101880.53
	STEP H	50.1906	4015.25	8699.71	104396.51
	STEP I	51.4301	4114.41	8914.55	106974.62
	STEP J	52.7002	4216.02	9134.70	109616.40
	STEP K	54.0016	4320.13	9360.29	112323.42
	STEP L	55.3352	4426.82	9591.44	115097.30
	STEP M	56.7018	4536.14	9828.31	117939.67
	STEP N	58.1020	4648.16	10071.02	120852.24
	STEP O	59.5369	4762.95	10319.73	123836.73

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B213 ELECTRIC UTILITY TECHNICIAN I					
	STEP A	42.5494	3403.96	7375.24	88502.85
	STEP B	43.6002	3488.02	7557.37	90688.46
	STEP C	44.6769	3574.16	7744.00	92928.05
	STEP D	45.7803	3662.42	7935.25	95222.94
	STEP E	46.9108	3752.87	8131.21	97574.51
	STEP F	48.0693	3845.54	8332.01	99984.15
	STEP G	49.2564	3940.51	8537.78	102453.30
	STEP H	50.4728	4037.82	8748.62	104983.43
	STEP I	51.7192	4137.54	8964.67	107576.03
	STEP J	52.9965	4239.72	9186.06	110232.67
	STEP K	54.3052	4344.42	9412.91	112954.91
	STEP L	55.6463	4451.71	9645.36	115744.37
	STEP M	57.0205	4561.64	9883.56	118602.73
	STEP N	58.4287	4674.29	10127.64	121531.67
	STEP O	59.8716	4789.73	10377.75	124532.94
B214 ELECTRIC UTILITY TECHNICIAN II					
	STEP A	46.8072	3744.57	8113.24	97358.91
	STEP B	47.9631	3837.05	8313.60	99763.22
	STEP C	49.1476	3931.80	8518.91	102226.92
	STEP D	50.3613	4028.90	8729.29	104751.45
	STEP E	51.6050	4128.40	8944.86	107338.33
	STEP F	52.8794	4230.35	9165.76	109989.09
	STEP G	54.1852	4334.82	9392.11	112705.32
	STEP H	55.5234	4441.87	9624.05	115488.62
	STEP I	56.8945	4551.56	9861.72	118340.66
	STEP J	58.2996	4663.97	10105.26	121263.13
	STEP K	59.7393	4779.14	10354.81	124257.77
	STEP L	61.2146	4897.17	10610.53	127326.36
	STEP M	62.7263	5018.11	10872.56	130470.74
	STEP N	64.2754	5142.03	11141.06	133692.77
	STEP O	65.8627	5269.01	11416.20	136994.36

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B215 ELECTRONICS TECHNICIAN I					
	STEP A	31.3239	2505.91	5429.47	65153.62
	STEP B	32.0974	2567.79	5563.55	66762.61
	STEP C	32.8901	2631.21	5700.95	68411.34
	STEP D	33.7023	2696.18	5841.73	70100.79
	STEP E	34.5346	2762.77	5986.00	71831.96
	STEP F	35.3874	2831.00	6133.82	73605.87
	STEP G	36.2613	2900.91	6285.30	75423.60
	STEP H	37.1568	2972.55	6440.52	77286.22
	STEP I	38.0744	3045.96	6599.57	79194.83
	STEP J	39.0147	3121.18	6762.55	81150.58
	STEP K	39.9782	3198.25	6929.55	83154.62
	STEP L	40.9655	3277.24	7100.68	85208.16
	STEP M	41.9771	3358.17	7276.03	87312.41
	STEP N	43.0138	3441.10	7455.72	89468.63
	STEP O	44.0760	3526.08	7639.84	91678.09
B216 ELECTRONICS TECHNICIAN II					
	STEP A	34.4562	2756.49	5972.40	71668.86
	STEP B	35.3071	2824.57	6119.90	73438.75
	STEP C	36.1790	2894.32	6271.03	75252.35
	STEP D	37.0725	2965.80	6425.89	77110.74
	STEP E	37.9880	3039.04	6584.58	79015.02
	STEP F	38.9261	3114.09	6747.19	80966.32
	STEP G	39.8874	3190.99	6913.82	82965.82
	STEP H	40.8724	3269.80	7084.56	85014.69
	STEP I	41.8818	3350.54	7259.51	87114.17
	STEP J	42.9161	3433.29	7438.79	89265.49
	STEP K	43.9759	3518.07	7622.49	91469.93
	STEP L	45.0619	3604.95	7810.73	93728.82
	STEP M	46.1748	3693.98	8003.62	96043.49
	STEP N	47.3151	3785.20	8201.28	98415.32
	STEP O	48.4835	3878.68	8403.81	100845.73

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B217 INSTRUMENT & CONTROL TECH					
	STEP A	49.0331	3922.65	8499.07	101988.87
	STEP B	50.2440	4019.52	8708.96	104507.52
	STEP C	51.4848	4118.78	8924.03	107088.38
	STEP D	52.7562	4220.50	9144.41	109732.97
	STEP E	54.0591	4324.73	9370.24	112442.87
	STEP F	55.3941	4431.53	9601.64	115219.69
	STEP G	56.7621	4540.96	9838.76	118065.09
	STEP H	58.1638	4653.11	10081.73	120980.75
	STEP I	59.6002	4768.02	10330.70	123968.42
	STEP J	61.0721	4885.76	10585.82	127029.87
	STEP K	62.5803	5006.42	10847.24	130166.92
	STEP L	64.1257	5130.06	11115.12	133381.45
	STEP M	65.7093	5256.74	11389.61	136675.35
	STEP N	67.3320	5386.56	11670.88	140050.61
	STEP O	68.9948	5519.59	11959.10	143509.21
B218 MATERIALS TECHNICIAN					
	STEP A	31.5013	2520.11	5460.23	65522.74
	STEP B	32.2793	2582.34	5595.07	67140.85
	STEP C	33.0764	2646.11	5733.24	68798.92
	STEP D	33.8932	2711.46	5874.83	70497.94
	STEP E	34.7302	2778.42	6019.91	72238.91
	STEP F	35.5879	2847.03	6168.57	74022.88
	STEP G	36.4668	2917.34	6320.91	75850.91
	STEP H	37.3673	2989.39	6477.01	77724.08
	STEP I	38.2901	3063.21	6636.96	79643.50
	STEP J	39.2357	3138.86	6800.86	81610.33
	STEP K	40.2047	3216.37	6968.81	83625.73
	STEP L	41.1975	3295.80	7140.91	85690.90
	STEP M	42.2149	3377.20	7317.26	87807.07
	STEP N	43.2575	3460.60	7497.96	89975.50
	STEP O	44.3257	3546.06	7683.12	92197.49

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B219 PLANT & EQUIPMENT MAINT WOR II					
	STEP A	23.6674	1893.39	4102.35	49228.21
	STEP B	24.2519	1940.15	4203.66	50443.92
	STEP C	24.8508	1988.06	4307.47	51689.65
	STEP D	25.4645	2037.16	4413.85	52966.15
	STEP E	26.0933	2087.47	4522.85	54274.17
	STEP F	26.7377	2139.02	4634.54	55614.49
	STEP G	27.3980	2191.84	4748.99	56987.91
	STEP H	28.0746	2245.97	4866.27	58395.25
	STEP I	28.7680	2301.44	4986.45	59837.34
	STEP J	29.4784	2358.27	5109.59	61315.05
	STEP K	30.2064	2416.51	5235.77	62829.25
	STEP L	30.9523	2476.19	5365.07	64380.84
	STEP M	31.7167	2537.34	5497.56	65970.75
	STEP N	32.5000	2600.00	5633.33	67599.93
	STEP O	33.3026	2664.21	5772.44	69269.34
B220 PLANT & EQUIPMENT MAINT WORK I					
	STEP A	21.5158	1721.27	3729.41	44752.91
	STEP B	22.0472	1763.77	3821.51	45858.11
	STEP C	22.5916	1807.33	3915.88	46990.59
	STEP D	23.1495	1851.96	4012.59	48151.04
	STEP E	23.7212	1897.70	4111.68	49340.15
	STEP F	24.3070	1944.56	4213.22	50558.63
	STEP G	24.9073	1992.58	4317.27	51807.19
	STEP H	25.5224	2041.79	4423.88	53086.59
	STEP I	26.1527	2092.21	4533.13	54397.58
	STEP J	26.7985	2143.88	4645.08	55740.95
	STEP K	27.4603	2196.83	4759.79	57117.50
	STEP L	28.1385	2251.08	4877.34	58528.04
	STEP M	28.8334	2306.67	4997.78	59973.41
	STEP N	29.5454	2363.63	5121.21	61454.48
	STEP O	30.2751	2422.00	5247.68	62972.12

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B221 PLANT & EQUIPMENT MECHANIC I					
	STEP A	26.0341	2082.73	4512.59	54151.03
	STEP B	26.6771	2134.17	4624.03	55488.31
	STEP C	27.3359	2186.87	4738.22	56858.61
	STEP D	28.0109	2240.88	4855.23	58262.76
	STEP E	28.7027	2296.21	4975.13	59701.58
	STEP F	29.4115	2352.92	5097.99	61175.94
	STEP G	30.1378	2411.03	5223.89	62686.70
	STEP H	30.8821	2470.57	5352.90	64234.77
	STEP I	31.6447	2531.58	5485.09	65821.08
	STEP J	32.4262	2594.10	5620.55	67446.56
	STEP K	33.2270	2658.16	5759.35	69112.17
	STEP L	34.0476	2723.80	5901.58	70818.93
	STEP M	34.8884	2791.07	6047.32	72567.83
	STEP N	35.7500	2860.00	6196.66	74359.92
	STEP O	36.6328	2930.63	6349.69	76196.27
B222 PLANT & EQUIPMENT MECHANIC II					
	STEP A	28.6376	2291.00	4963.84	59566.13
	STEP B	29.3448	2347.58	5086.43	61037.14
	STEP C	30.0695	2405.56	5212.04	62544.48
	STEP D	30.8120	2464.96	5340.75	64089.04
	STEP E	31.5730	2525.84	5472.65	65671.74
	STEP F	32.3527	2588.21	5607.79	67293.53
	STEP G	33.1516	2652.13	5746.28	68955.37
	STEP H	33.9703	2717.63	5888.19	70658.25
	STEP I	34.8092	2784.74	6033.60	72403.19
	STEP J	35.6689	2853.51	6182.60	74191.21
	STEP K	36.5497	2923.98	6335.28	76023.39
	STEP L	37.4523	2996.19	6491.74	77900.82
	STEP M	38.3772	3070.18	6652.05	79824.61
	STEP N	39.3250	3146.00	6816.33	81795.91
	STEP O	40.2961	3223.69	6984.66	83815.90

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B223 PREDICTIVE MAINTENANCE TECH I					
	STEP A	31.3239	2505.91	5429.47	65153.62
	STEP B	32.0974	2567.79	5563.55	66762.61
	STEP C	32.8901	2631.21	5700.95	68411.34
	STEP D	33.7023	2696.18	5841.73	70100.79
	STEP E	34.5346	2762.77	5986.00	71831.96
	STEP F	35.3874	2831.00	6133.82	73605.87
	STEP G	36.2613	2900.91	6285.30	75423.60
	STEP H	37.1568	2972.55	6440.52	77286.22
	STEP I	38.0744	3045.96	6599.57	79194.83
	STEP J	39.0147	3121.18	6762.55	81150.58
	STEP K	39.9782	3198.25	6929.55	83154.62
	STEP L	40.9655	3277.24	7100.68	85208.16
	STEP M	41.9771	3358.17	7276.03	87312.41
	STEP N	43.0138	3441.10	7455.72	89468.63
	STEP O	44.0760	3526.08	7639.84	91678.09
B224 PREDICTIVE MAINTENANCE TECH II					
	STEP A	34.4562	2756.49	5972.40	71668.86
	STEP B	35.3071	2824.57	6119.90	73438.75
	STEP C	36.1790	2894.32	6271.03	75252.35
	STEP D	37.0725	2965.80	6425.89	77110.74
	STEP E	37.9880	3039.04	6584.58	79015.02
	STEP F	38.9261	3114.09	6747.19	80966.32
	STEP G	39.8874	3190.99	6913.82	82965.82
	STEP H	40.8724	3269.80	7084.56	85014.69
	STEP I	41.8818	3350.54	7259.51	87114.17
	STEP J	42.9161	3433.29	7438.79	89265.49
	STEP K	43.9759	3518.07	7622.49	91469.93
	STEP L	45.0619	3604.95	7810.73	93728.82
	STEP M	46.1748	3693.98	8003.62	96043.49
	STEP N	47.3151	3785.20	8201.28	98415.32
	STEP O	48.4835	3878.68	8403.81	100845.73

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B225 PREVENTATIVE MAINT TECH I					
	STEP A	27.2381	2179.05	4721.28	56655.34
	STEP B	27.9108	2232.86	4837.87	58054.46
	STEP C	28.6001	2288.01	4957.35	59488.14
	STEP D	29.3064	2344.51	5079.77	60957.22
	STEP E	30.0301	2402.41	5205.22	62462.59
	STEP F	30.7717	2461.74	5333.76	64005.13
	STEP G	31.5316	2522.53	5465.48	65585.76
	STEP H	32.3103	2584.82	5600.45	67205.42
	STEP I	33.1082	2648.66	5738.76	68865.09
	STEP J	33.9258	2714.07	5880.48	70565.74
	STEP K	34.7636	2781.09	6025.70	72308.39
	STEP L	35.6222	2849.77	6174.51	74094.07
	STEP M	36.5019	2920.15	6326.99	75923.86
	STEP N	37.4033	2992.26	6483.24	77798.83
	STEP O	38.3270	3066.16	6643.34	79720.10
B226 PREVENTATIVE MAINT TECH II					
	STEP A	29.9620	2396.96	5193.41	62320.97
	STEP B	30.7019	2456.15	5321.67	63860.02
	STEP C	31.4601	2516.81	5453.09	65437.06
	STEP D	32.2370	2578.96	5587.75	67053.06
	STEP E	33.0332	2642.65	5725.75	68708.96
	STEP F	33.8489	2707.91	5867.15	70405.76
	STEP G	34.6848	2774.79	6012.04	72144.45
	STEP H	35.5414	2843.31	6160.51	73926.09
	STEP I	36.4191	2913.53	6312.64	75751.72
	STEP J	37.3185	2985.48	6468.54	77622.44
	STEP K	38.2401	3059.21	6628.28	79539.36
	STEP L	39.1844	3134.75	6791.97	81503.62
	STEP M	40.1521	3212.17	6959.70	83516.38
	STEP N	41.1437	3291.49	7131.57	85578.85
	STEP O	42.1597	3372.78	7307.69	87692.26

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B227 PREVENTATIVE MAINT COORD					
	STEP A	31.8912	2551.29	5527.80	66333.60
	STEP B	32.6787	2614.30	5664.31	67971.73
	STEP C	33.4857	2678.86	5804.19	69650.32
	STEP D	34.3127	2745.01	5947.53	71370.36
	STEP E	35.1600	2812.80	6094.41	73132.88
	STEP F	36.0283	2882.27	6244.91	74938.93
	STEP G	36.9181	2953.45	6399.13	76789.58
	STEP H	37.8298	3026.38	6557.16	78685.93
	STEP I	38.7640	3101.12	6719.09	80629.11
	STEP J	39.7213	3177.70	6885.02	82620.27
	STEP K	40.7022	3256.18	7055.05	84660.61
	STEP L	41.7074	3336.59	7229.28	86751.34
	STEP M	42.7374	3418.99	7407.81	88893.70
	STEP N	43.7928	3503.42	7590.75	91088.97
	STEP O	44.8743	3589.94	7778.20	93338.45
B228 PWR ENGINEER I					
	STEP A	44.9402	3595.22	7789.63	93475.61
	STEP B	46.0500	3684.00	7982.00	95784.03
	STEP C	47.1872	3774.98	8179.12	98149.46
	STEP D	48.3525	3868.20	8381.11	100573.30
	STEP E	49.5466	3963.73	8588.08	103056.99
	STEP F	50.7702	4061.62	8800.17	105602.03
	STEP G	52.0240	4161.92	9017.49	108209.91
	STEP H	53.3087	4264.70	9240.18	110882.20
	STEP I	54.6252	4370.02	9468.37	113620.48
	STEP J	55.9742	4477.94	9702.20	116426.38
	STEP K	57.3565	4588.52	9941.80	119301.58
	STEP L	58.7730	4701.84	10187.31	122247.78
	STEP M	60.2244	4817.95	10438.89	125266.74
	STEP N	61.7117	4936.93	10696.69	128360.25
	STEP O	63.2357	5058.85	10960.85	131530.16

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B229 PWR ENGINEER II					
	STEP A	49.4342	3954.74	8568.60	102823.17
	STEP B	50.6550	4052.40	8780.20	105362.43
	STEP C	51.9060	4152.48	8997.03	107964.40
	STEP D	53.1878	4255.02	9219.22	110630.63
	STEP E	54.5013	4360.10	9446.89	113362.69
	STEP F	55.8472	4467.78	9680.19	116162.23
	STEP G	57.2264	4578.11	9919.24	119030.90
	STEP H	58.6396	4691.17	10164.20	121970.42
	STEP I	60.0878	4807.02	10415.21	124982.53
	STEP J	61.5716	4925.73	10672.42	128069.02
	STEP K	63.0922	5047.37	10935.98	131231.74
	STEP L	64.6503	5172.02	11206.05	134472.56
	STEP M	66.2468	5299.75	11482.78	137793.41
	STEP N	67.8828	5430.63	11766.36	141196.27
	STEP O	69.5592	5564.74	12056.93	144683.17
B230 PWR PLANT ENGINEER I					
	STEP A	44.9402	3595.22	7789.63	93475.61
	STEP B	46.0500	3684.00	7982.00	95784.03
	STEP C	47.1872	3774.98	8179.12	98149.46
	STEP D	48.3525	3868.20	8381.11	100573.30
	STEP E	49.5466	3963.73	8588.08	103056.99
	STEP F	50.7702	4061.62	8800.17	105602.03
	STEP G	52.0240	4161.92	9017.49	108209.91
	STEP H	53.3087	4264.70	9240.18	110882.20
	STEP I	54.6252	4370.02	9468.37	113620.48
	STEP J	55.9742	4477.94	9702.20	116426.38
	STEP K	57.3565	4588.52	9941.80	119301.58
	STEP L	58.7730	4701.84	10187.31	122247.78
	STEP M	60.2244	4817.95	10438.89	125266.74
	STEP N	61.7117	4936.93	10696.69	128360.25
	STEP O	63.2357	5058.85	10960.85	131530.16

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B231 PWR PLANT ENGINEER II					
	STEP A	49.4342	3954.74	8568.60	102823.17
	STEP B	50.6550	4052.40	8780.20	105362.43
	STEP C	51.9060	4152.48	8997.03	107964.40
	STEP D	53.1878	4255.02	9219.22	110630.63
	STEP E	54.5013	4360.10	9446.89	113362.69
	STEP F	55.8472	4467.78	9680.19	116162.23
	STEP G	57.2264	4578.11	9919.24	119030.90
	STEP H	58.6396	4691.17	10164.20	121970.42
	STEP I	60.0878	4807.02	10415.21	124982.53
	STEP J	61.5716	4925.73	10672.42	128069.02
	STEP K	63.0922	5047.37	10935.98	131231.74
	STEP L	64.6503	5172.02	11206.05	134472.56
	STEP M	66.2468	5299.75	11482.78	137793.41
	STEP N	67.8828	5430.63	11766.36	141196.27
	STEP O	69.5592	5564.74	12056.93	144683.17
B232 PWR PLANT MECHANIC					
	STEP A	43.6907	3495.26	7573.06	90876.75
	STEP B	44.7697	3581.58	7760.08	93120.99
	STEP C	45.8753	3670.03	7951.72	95420.65
	STEP D	47.0082	3760.66	8148.09	97777.10
	STEP E	48.1691	3853.53	8349.31	100191.75
	STEP F	49.3587	3948.69	8555.50	102666.02
	STEP G	50.5776	4046.21	8766.78	105201.40
	STEP H	51.8266	4146.13	8983.28	107799.39
	STEP I	53.1065	4248.52	9205.13	110461.54
	STEP J	54.4180	4353.44	9432.45	113189.43
	STEP K	55.7619	4460.95	9665.39	115984.69
	STEP L	57.1389	4571.11	9904.08	118848.98
	STEP M	58.5500	4684.00	10148.67	121784.00
	STEP N	59.9959	4799.67	10399.29	124791.51
	STEP O	61.4775	4918.20	10656.11	127873.28

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B233 POWER PLANT OPERATOR TECH I					
	STEP A	42.4529	3396.23	7358.50	88302.05
	STEP B	43.5013	3480.10	7540.23	90482.70
	STEP C	44.5756	3566.05	7726.43	92717.21
	STEP D	45.6764	3654.11	7917.24	95006.90
	STEP E	46.8044	3744.35	8112.76	97353.13
	STEP F	47.9602	3836.82	8313.11	99757.31
	STEP G	49.1446	3931.57	8518.40	102220.85
	STEP H	50.3583	4028.66	8728.77	104745.24
	STEP I	51.6019	4128.15	8944.33	107331.96
	STEP J	52.8762	4230.10	9165.21	109982.57
	STEP K	54.1820	4334.56	9391.55	112698.63
	STEP L	55.5201	4441.61	9623.48	115481.77
	STEP M	56.8912	4551.29	9861.14	118333.64
	STEP N	58.2961	4663.69	10104.66	121255.94
	STEP O	59.7358	4778.86	10354.20	124250.40
B234 POWER PLANT OPERATOR TECH II					
	STEP A	46.6982	3735.86	8094.35	97132.25
	STEP B	47.8514	3828.11	8294.25	99530.97
	STEP C	49.0331	3922.65	8499.08	101988.93
	STEP D	50.2440	4019.52	8708.97	104507.59
	STEP E	51.4848	4118.79	8924.04	107088.45
	STEP F	52.7563	4220.50	9144.42	109733.04
	STEP G	54.0591	4324.73	9370.24	112442.94
	STEP H	55.3941	4431.53	9601.65	115219.76
	STEP I	56.7621	4540.97	9838.76	118065.16
	STEP J	58.1639	4653.11	10081.74	120980.83
	STEP K	59.6002	4768.02	10330.71	123968.50
	STEP L	61.0721	4885.77	10585.83	127029.95
	STEP M	62.5803	5006.42	10847.25	130167.00
	STEP N	64.1257	5130.06	11115.13	133381.53
	STEP O	65.7093	5256.75	11389.62	136675.44

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B235 SCADA SYSTEM TECHNICIAN					
	STEP A	34.4562	2756.49	5972.40	71668.86
	STEP B	35.3071	2824.57	6119.90	73438.75
	STEP C	36.1790	2894.32	6271.03	75252.35
	STEP D	37.0725	2965.80	6425.89	77110.74
	STEP E	37.9880	3039.04	6584.58	79015.02
	STEP F	38.9261	3114.09	6747.19	80966.32
	STEP G	39.8874	3190.99	6913.82	82965.82
	STEP H	40.8724	3269.80	7084.56	85014.69
	STEP I	41.8818	3350.54	7259.51	87114.17
	STEP J	42.9161	3433.29	7438.79	89265.49
	STEP K	43.9759	3518.07	7622.49	91469.93
	STEP L	45.0619	3604.95	7810.73	93728.82
	STEP M	46.1748	3693.98	8003.62	96043.49
	STEP N	47.3151	3785.20	8201.28	98415.32
	STEP O	48.4835	3878.68	8403.81	100845.73
B236 SR ELECTRIC LINE TECHNICIAN					
	STEP A	51.1970	4095.76	8874.15	106489.76
	STEP B	52.4613	4196.91	9093.30	109119.57
	STEP C	53.7569	4300.55	9317.86	111814.32
	STEP D	55.0844	4406.75	9547.97	114575.62
	STEP E	56.4448	4515.58	9783.76	117405.11
	STEP F	57.8387	4627.10	10025.37	120304.47
	STEP G	59.2670	4741.36	10272.95	123275.44
	STEP H	60.7307	4858.45	10526.65	126319.78
	STEP I	62.2304	4978.43	10786.61	129439.29
	STEP J	63.7672	5101.38	11052.99	132635.85
	STEP K	65.3420	5227.36	11325.95	135911.35
	STEP L	66.9556	5356.45	11605.64	139267.73
	STEP M	68.6091	5488.73	11892.25	142707.00
	STEP N	70.3035	5624.28	12185.93	146231.21
	STEP O	72.0396	5763.17	12486.87	149842.45

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B237 SR ELECTRIC MATERIALS TECH					
	STEP A	36.3840	2910.72	6306.56	75678.77
	STEP B	37.2825	2982.60	6462.31	77547.68
	STEP C	38.2032	3056.26	6621.90	79462.76
	STEP D	39.1467	3131.74	6785.43	81425.12
	STEP E	40.1134	3209.07	6953.00	83435.95
	STEP F	41.1041	3288.32	7124.70	85496.43
	STEP G	42.1191	3369.53	7300.65	87607.80
	STEP H	43.1593	3452.74	7480.94	89771.31
	STEP I	44.2251	3538.01	7665.69	91988.25
	STEP J	45.3173	3625.38	7854.99	94259.93
	STEP K	46.4364	3714.91	8048.98	96587.72
	STEP L	47.5832	3806.65	8247.75	98972.99
	STEP M	48.7583	3900.66	8451.43	101417.17
	STEP N	49.9624	3996.99	8660.14	103921.71
	STEP O	51.1962	4095.70	8874.01	106488.10
B238 SR ELECTRIC METERING TECH					
	STEP A	51.4879	4119.03	8924.56	107094.75
	STEP B	52.7594	4220.75	9144.96	109739.50
	STEP C	54.0623	4324.98	9370.80	112449.56
	STEP D	55.3974	4431.79	9602.21	115226.55
	STEP E	56.7654	4541.24	9839.34	118072.12
	STEP F	58.1673	4653.38	10082.33	120987.95
	STEP G	59.6037	4768.30	10331.32	123975.80
	STEP H	61.0757	4886.06	10586.45	127037.43
	STEP I	62.5840	5006.72	10847.89	130174.67
	STEP J	64.1295	5130.36	11115.78	133389.39
	STEP K	65.7132	5257.06	11390.29	136683.49
	STEP L	67.3360	5386.88	11671.58	140058.94
	STEP M	68.9989	5519.91	11959.81	143517.76
	STEP N	70.7029	5656.23	12255.17	147061.98
	STEP O	72.4489	5795.91	12557.81	150693.74

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B239 SR ELECTRIC SUBSTATION TECH					
	STEP A	51.4879	4119.03	8924.56	107094.75
	STEP B	52.7594	4220.75	9144.96	109739.50
	STEP C	54.0623	4324.98	9370.80	112449.56
	STEP D	55.3974	4431.79	9602.21	115226.55
	STEP E	56.7654	4541.24	9839.34	118072.12
	STEP F	58.1673	4653.38	10082.33	120987.95
	STEP G	59.6037	4768.30	10331.32	123975.80
	STEP H	61.0757	4886.06	10586.45	127037.43
	STEP I	62.5840	5006.72	10847.89	130174.67
	STEP J	64.1295	5130.36	11115.78	133389.39
	STEP K	65.7132	5257.06	11390.29	136683.49
	STEP L	67.3360	5386.88	11671.58	140058.94
	STEP M	68.9989	5519.91	11959.81	143517.76
	STEP N	70.7029	5656.23	12255.17	147061.98
	STEP O	72.4489	5795.91	12557.81	150693.74
B240 SR ELECTRIC SYSTEM DISPATCHER					
	STEP A	56.3166	4505.33	9761.54	117138.54
	STEP B	57.7074	4616.59	10002.61	120031.32
	STEP C	59.1325	4730.60	10249.63	122995.54
	STEP D	60.5928	4847.42	10502.75	126032.96
	STEP E	62.0891	4967.13	10762.12	129145.40
	STEP F	63.6224	5089.80	11027.89	132334.70
	STEP G	65.1936	5215.49	11300.23	135602.75
	STEP H	66.8036	5344.29	11579.29	138951.52
	STEP I	68.4534	5476.27	11865.25	142382.98
	STEP J	70.1438	5611.51	12158.27	145899.19
	STEP K	71.8761	5750.09	12458.52	149502.22
	STEP L	73.6511	5892.09	12766.19	153194.24
	STEP M	75.4699	6037.59	13081.45	156977.43
	STEP N	77.3337	6186.69	13404.50	160854.06
	STEP O	79.2435	6339.48	13735.53	164826.41

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B241 SR ELECTRONIC TECHNICIAN					
	STEP A	37.9018	3032.15	6569.65	78835.81
	STEP B	38.8378	3107.03	6731.89	80782.69
	STEP C	39.7969	3183.76	6898.14	82777.65
	STEP D	40.7797	3262.38	7068.49	84821.88
	STEP E	41.7868	3342.95	7243.05	86916.59
	STEP F	42.8188	3425.50	7421.92	89063.03
	STEP G	43.8762	3510.10	7605.21	91262.47
	STEP H	44.9597	3596.78	7793.02	93516.24
	STEP I	46.0700	3685.60	7985.47	95825.66
	STEP J	47.2077	3776.62	8182.68	98192.11
	STEP K	48.3736	3869.88	8384.75	100617.00
	STEP L	49.5682	3965.45	8591.81	103101.78
	STEP M	50.7923	4063.38	8803.99	105647.92
	STEP N	52.0466	4163.73	9021.41	108256.94
	STEP O	53.3319	4266.55	9244.20	110930.39
B242 SR PLANT & EQUIP MECHANIC					
	STEP A	31.5013	2520.11	5460.23	65522.74
	STEP B	32.2793	2582.34	5595.07	67140.85
	STEP C	33.0764	2646.11	5733.24	68798.92
	STEP D	33.8932	2711.46	5874.83	70497.94
	STEP E	34.7302	2778.42	6019.91	72238.91
	STEP F	35.5879	2847.03	6168.57	74022.88
	STEP G	36.4668	2917.34	6320.91	75850.91
	STEP H	37.3673	2989.39	6477.01	77724.08
	STEP I	38.2901	3063.21	6636.96	79643.50
	STEP J	39.2357	3138.86	6800.86	81610.33
	STEP K	40.2047	3216.37	6968.81	83625.73
	STEP L	41.1975	3295.80	7140.91	85690.90
	STEP M	42.2149	3377.20	7317.26	87807.07
	STEP N	43.2575	3460.60	7497.96	89975.50
	STEP O	44.3257	3546.06	7683.12	92197.49

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B243 SR POWER PLANT OPERATOR TECH					
	STEP A	51.3680	4109.44	8903.79	106845.48
	STEP B	52.6366	4210.93	9123.67	109484.07
	STEP C	53.9365	4314.92	9348.99	112187.82
	STEP D	55.2684	4421.47	9579.86	114958.35
	STEP E	56.6333	4530.67	9816.44	117797.29
	STEP F	58.0319	4642.55	10058.86	120706.34
	STEP G	59.4650	4757.20	10307.27	123687.23
	STEP H	60.9335	4874.68	10561.81	126741.74
	STEP I	62.4383	4995.06	10822.64	129871.68
	STEP J	63.9802	5118.42	11089.91	133078.91
	STEP K	65.5603	5244.82	11363.78	136365.35
	STEP L	67.1793	5374.34	11644.41	139732.94
	STEP M	68.8383	5507.07	11931.98	143183.70
	STEP N	70.5383	5643.06	12226.64	146719.68
	STEP O	72.2803	5782.42	12528.58	150342.98
B244 SR PREVENTATIVE MAINT TECH					
	STEP A	37.9018	3032.15	6569.65	78835.81
	STEP B	38.8378	3107.03	6731.89	80782.69
	STEP C	39.7969	3183.76	6898.14	82777.65
	STEP D	40.7797	3262.38	7068.49	84821.88
	STEP E	41.7868	3342.95	7243.05	86916.59
	STEP F	42.8188	3425.50	7421.92	89063.03
	STEP G	43.8762	3510.10	7605.21	91262.47
	STEP H	44.9597	3596.78	7793.02	93516.24
	STEP I	46.0700	3685.60	7985.47	95825.66
	STEP J	47.2077	3776.62	8182.68	98192.11
	STEP K	48.3736	3869.88	8384.75	100617.00
	STEP L	49.5682	3965.45	8591.81	103101.78
	STEP M	50.7923	4063.38	8803.99	105647.92
	STEP N	52.0466	4163.73	9021.41	108256.94
	STEP O	53.3319	4266.55	9244.20	110930.39

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B245 SR WATER DISTRIBUTION WORKER					
	STEP A	27.8162	2225.30	4821.47	57857.67
	STEP B	28.5031	2280.25	4940.54	59286.49
	STEP C	29.2070	2336.56	5062.55	60750.59
	STEP D	29.9283	2394.26	5187.57	62250.85
	STEP E	30.6674	2453.39	5315.68	63788.16
	STEP F	31.4247	2513.98	5446.95	65363.44
	STEP G	32.2008	2576.06	5581.47	66977.61
	STEP H	32.9960	2639.68	5719.30	68631.65
	STEP I	33.8108	2704.87	5860.54	70326.54
	STEP J	34.6458	2771.66	6005.27	72063.28
	STEP K	35.5014	2840.11	6153.58	73842.91
	STEP L	36.3781	2910.25	6305.54	75666.49
	STEP M	37.2765	2982.12	6461.26	77535.11
	STEP N	38.1971	3055.76	6620.82	79449.87
	STEP O	39.1403	3131.23	6784.33	81411.91
B246 SR WSTWTR UTILITY MAINT WKR					
	STEP A	27.8162	2225.30	4821.47	57857.67
	STEP B	28.5031	2280.25	4940.54	59286.49
	STEP C	29.2070	2336.56	5062.55	60750.59
	STEP D	29.9283	2394.26	5187.57	62250.85
	STEP E	30.6674	2453.39	5315.68	63788.16
	STEP F	31.4247	2513.98	5446.95	65363.44
	STEP G	32.2008	2576.06	5581.47	66977.61
	STEP H	32.9960	2639.68	5719.30	68631.65
	STEP I	33.8108	2704.87	5860.54	70326.54
	STEP J	34.6458	2771.66	6005.27	72063.28
	STEP K	35.5014	2840.11	6153.58	73842.91
	STEP L	36.3781	2910.25	6305.54	75666.49
	STEP M	37.2765	2982.12	6461.26	77535.11
	STEP N	38.1971	3055.76	6620.82	79449.87
	STEP O	39.1403	3131.23	6784.33	81411.91

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B247 TRAFFIC SIGNAL MAINT WKR I					
	STEP A	25.2310	2018.48	4373.37	52480.48
	STEP B	25.8541	2068.33	4481.38	53776.51
	STEP C	26.4926	2119.41	4592.05	55104.54
	STEP D	27.1468	2171.74	4705.45	56465.37
	STEP E	27.8172	2225.38	4821.65	57859.80
	STEP F	28.5042	2280.33	4940.72	59288.67
	STEP G	29.2081	2336.65	5062.74	60752.83
	STEP H	29.9294	2394.35	5187.76	62253.15
	STEP I	30.6685	2453.48	5315.88	63790.51
	STEP J	31.4259	2514.07	5447.15	65365.85
	STEP K	32.2020	2576.16	5581.67	66980.08
	STEP L	32.9972	2639.78	5719.52	68634.18
	STEP M	33.8121	2704.97	5860.76	70329.13
	STEP N	34.6471	2771.77	6005.49	72065.94
	STEP O	35.5027	2840.22	6153.80	73845.63
B248 TRAFFIC SIGNAL MAINT WKR II					
	STEP A	27.7541	2220.33	4810.72	57728.58
	STEP B	28.4395	2275.16	4929.52	59154.21
	STEP C	29.1419	2331.35	5051.25	60615.05
	STEP D	29.8615	2388.92	5176.00	62111.96
	STEP E	30.5990	2447.92	5303.82	63645.84
	STEP F	31.3546	2508.37	5434.80	65217.60
	STEP G	32.1289	2570.31	5569.01	66828.18
	STEP H	32.9224	2633.79	5706.54	68478.52
	STEP I	33.7354	2698.83	5847.47	70169.63
	STEP J	34.5685	2765.48	5991.87	71902.50
	STEP K	35.4222	2833.78	6139.85	73678.16
	STEP L	36.2970	2903.76	6291.47	75497.67
	STEP M	37.1933	2975.47	6446.84	77362.11
	STEP N	38.1118	3048.95	6606.05	79272.60
	STEP O	39.0530	3124.24	6769.19	81230.27

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B249 WATER CONSERVATION SPECIALIST					
	STEP A	27.8162	2225.30	4821.47	57857.67
	STEP B	28.5031	2280.25	4940.54	59286.49
	STEP C	29.2070	2336.56	5062.55	60750.59
	STEP D	29.9283	2394.26	5187.57	62250.85
	STEP E	30.6674	2453.39	5315.68	63788.16
	STEP F	31.4247	2513.98	5446.95	65363.44
	STEP G	32.2008	2576.06	5581.47	66977.61
	STEP H	32.9960	2639.68	5719.30	68631.65
	STEP I	33.8108	2704.87	5860.54	70326.54
	STEP J	34.6458	2771.66	6005.27	72063.28
	STEP K	35.5014	2840.11	6153.58	73842.91
	STEP L	36.3781	2910.25	6305.54	75666.49
	STEP M	37.2765	2982.12	6461.26	77535.11
	STEP N	38.1971	3055.76	6620.82	79449.87
	STEP O	39.1403	3131.23	6784.33	81411.91
B250 WATER CONSERVATION WORKER I					
	STEP A	21.1713	1693.70	3669.69	44036.30
	STEP B	21.6941	1735.53	3760.32	45123.80
	STEP C	22.2299	1778.39	3853.18	46238.15
	STEP D	22.7789	1822.31	3948.33	47380.02
	STEP E	23.3414	1867.31	4045.84	48550.09
	STEP F	23.9178	1913.43	4145.75	49749.05
	STEP G	24.5085	1960.68	4248.14	50977.62
	STEP H	25.1137	2009.10	4353.04	52236.54
	STEP I	25.7339	2058.71	4460.54	53526.54
	STEP J	26.3694	2109.55	4570.70	54848.40
	STEP K	27.0206	2161.65	4683.58	56202.90
	STEP L	27.6879	2215.03	4799.24	57590.85
	STEP M	28.3717	2269.73	4917.76	59013.08
	STEP N	29.0723	2325.79	5039.20	60470.43
	STEP O	29.7903	2383.22	5163.65	61963.78

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B251 WATER CONSERVATION WORKER II					
	STEP A	25.2310	2018.48	4373.37	52480.48
	STEP B	25.8541	2068.33	4481.38	53776.51
	STEP C	26.4926	2119.41	4592.05	55104.54
	STEP D	27.1468	2171.74	4705.45	56465.37
	STEP E	27.8172	2225.38	4821.65	57859.80
	STEP F	28.5042	2280.33	4940.72	59288.67
	STEP G	29.2081	2336.65	5062.74	60752.83
	STEP H	29.9294	2394.35	5187.76	62253.15
	STEP I	30.6685	2453.48	5315.88	63790.51
	STEP J	31.4259	2514.07	5447.15	65365.85
	STEP K	32.2020	2576.16	5581.67	66980.08
	STEP L	32.9972	2639.78	5719.52	68634.18
	STEP M	33.8121	2704.97	5860.76	70329.13
	STEP N	34.6471	2771.77	6005.49	72065.94
	STEP O	35.5027	2840.22	6153.80	73845.63
B252 WATER DISTRIBUTION WORKER I					
	STEP A	21.1713	1693.70	3669.69	44036.30
	STEP B	21.6941	1735.53	3760.32	45123.80
	STEP C	22.2299	1778.39	3853.18	46238.15
	STEP D	22.7789	1822.31	3948.33	47380.02
	STEP E	23.3414	1867.31	4045.84	48550.09
	STEP F	23.9178	1913.43	4145.75	49749.05
	STEP G	24.5085	1960.68	4248.14	50977.62
	STEP H	25.1137	2009.10	4353.04	52236.54
	STEP I	25.7339	2058.71	4460.54	53526.54
	STEP J	26.3694	2109.55	4570.70	54848.40
	STEP K	27.0206	2161.65	4683.58	56202.90
	STEP L	27.6879	2215.03	4799.24	57590.85
	STEP M	28.3717	2269.73	4917.76	59013.08
	STEP N	29.0723	2325.79	5039.20	60470.43
	STEP O	29.7903	2383.22	5163.65	61963.78

CITY OF ROSEVILLE SALARY SCHEDULE - B

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B253 WATER DISTRIBUTION WORKER II					
	STEP A	25.2310	2018.48	4373.37	52480.48
	STEP B	25.8541	2068.33	4481.38	53776.51
	STEP C	26.4926	2119.41	4592.05	55104.54
	STEP D	27.1468	2171.74	4705.45	56465.37
	STEP E	27.8172	2225.38	4821.65	57859.80
	STEP F	28.5042	2280.33	4940.72	59288.67
	STEP G	29.2081	2336.65	5062.74	60752.83
	STEP H	29.9294	2394.35	5187.76	62253.15
	STEP I	30.6685	2453.48	5315.88	63790.51
	STEP J	31.4259	2514.07	5447.15	65365.85
	STEP K	32.2020	2576.16	5581.67	66980.08
	STEP L	32.9972	2639.78	5719.52	68634.18
	STEP M	33.8121	2704.97	5860.76	70329.13
	STEP N	34.6471	2771.77	6005.49	72065.94
	STEP O	35.5027	2840.22	6153.80	73845.63
B254 WSTWTR UTILITY MAINT WKR I					
	STEP A	21.1713	1693.70	3669.69	44036.30
	STEP B	21.6941	1735.53	3760.32	45123.80
	STEP C	22.2299	1778.39	3853.18	46238.15
	STEP D	22.7789	1822.31	3948.33	47380.02
	STEP E	23.3414	1867.31	4045.84	48550.09
	STEP F	23.9178	1913.43	4145.75	49749.05
	STEP G	24.5085	1960.68	4248.14	50977.62
	STEP H	25.1137	2009.10	4353.04	52236.54
	STEP I	25.7339	2058.71	4460.54	53526.54
	STEP J	26.3694	2109.55	4570.70	54848.40
	STEP K	27.0206	2161.65	4683.58	56202.90
	STEP L	27.6879	2215.03	4799.24	57590.85
	STEP M	28.3717	2269.73	4917.76	59013.08
	STEP N	29.0723	2325.79	5039.20	60470.43
	STEP O	29.7903	2383.22	5163.65	61963.78

CITY OF ROSEVILLE **SALARY SCHEDULE - B**

Effective Date: 04/27/19

IBEW-B					
Title	Step	Hourly	Bi-weekly	Monthly	Annual
B255 WSTWTR UTILITY MAINT WKR II					
	STEP A	25.2310	2018.48	4373.37	52480.48
	STEP B	25.8541	2068.33	4481.38	53776.51
	STEP C	26.4926	2119.41	4592.05	55104.54
	STEP D	27.1468	2171.74	4705.45	56465.37
	STEP E	27.8172	2225.38	4821.65	57859.80
	STEP F	28.5042	2280.33	4940.72	59288.67
	STEP G	29.2081	2336.65	5062.74	60752.83
	STEP H	29.9294	2394.35	5187.76	62253.15
	STEP I	30.6685	2453.48	5315.88	63790.51
	STEP J	31.4259	2514.07	5447.15	65365.85
	STEP K	32.2020	2576.16	5581.67	66980.08
	STEP L	32.9972	2639.78	5719.52	68634.18
	STEP M	33.8121	2704.97	5860.76	70329.13
	STEP N	34.6471	2771.77	6005.49	72065.94
	STEP O	35.5027	2840.22	6153.80	73845.63



COUNCIL COMMUNICATION

CC #: 9981

File #: 0200

Title: Internal Service Funds and Cost Allocation Plan Overview
Contact: Scott Pettingell 916-774-1306 spettingell@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 9.1.

RECOMMENDATION TO COUNCIL

Accept this report as an informational overview of the City's internal service funds and cost allocation plan.

BACKGROUND

This presentation is to update the Council on the City's internal service funds and cost allocation plan.

FISCAL IMPACT

This is an informational presentation and has no fiscal impact.

ECONOMIC DEVELOPMENT / JOBS CREATED

No economic development or jobs will be created with receipt of this report.

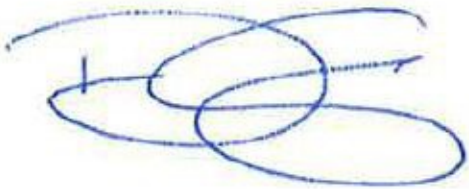
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The Internal Service Funds overview does not include the potential for a significant environmental effect, and therefore are not subject to CEQA.

Respectfully Submitted,

Scott Pettingell, Budget Manager

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, likely representing the name Dennis Kauffman.

Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 9979

File #: 0200

Title: City of Roseville Financial Policies for Fiscal Year 2019-20
Contact: Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 9.2.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution adopting the City of Roseville Financial Policies effective July 1, 2019.

BACKGROUND

On July 11, 2018, Council approved Resolution 18-303 which consolidated Council-approved fiscal policies. The purpose for these policies is to determine appropriate and responsible financial guidelines for staff to follow when developing the budget, making recommendations and fulfilling their role as fiscal stewards of public funds.

As new policies are developed and approved by Council, they will be added to this document. New policies addressing pension funding and interfund loans are recommended for Council approval this year. A nonsubstantive change was made in a couple of the existing policies to replace references to the Finance Director with Chief Financial Officer.

Each year the policies will be reviewed by staff, updated where recommended and submitted to Council for approval. A brief summary of the current policies, as well as the two new policies, is provided below:

Investment Policy

The purpose of the Investment Policy is to establish cash management and investment guidelines for the Chief Financial Officer, who is responsible for the stewardship of the City of Roseville's investment program. Each transaction and the entire portfolio must comply with the California Government Code Sections 53600 and 53635 et seq. and the Investment Policy. The Investment Policy conforms to the customary standards of prudent investment management and any changes to the policy must be adopted by the Council. The Investment Policy has been certified by the California Municipal Treasurers Association through their Investment Policy Certification Program. There was only one nonsubstantive update to the existing policy to reflect Government Code changes effected by Assembly Bill No. 1770.

Debt Management Policy

The purpose of the Debt Management Policy is to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City. There was only one nonsubstantive update to the existing policy.

General Fund Reserves Policy

The purpose of the General Fund Reserves Policy is to establish a targeted level of General Fund operating reserves, a basic component of a financially strong city. The policy maintains an amount equal to 10% of annual General Fund budgeted operating costs as the minimum level of funding in the City's General Fund Emergency Reserve and 15% of annual General Fund budgeted operating costs as the target level of funding for the City's new General Fund Stabilization Reserve Fund. Appropriation from the Emergency Reserve and Stabilization Reserve Funds require approval of at least four City Council members. The policy also includes the Litigation Reserve Fund which was established to address legal matters that require proactive handling and funding. There were no updates to the existing policy.

Capital Improvement Program Rehabilitation Funding Policy

The purpose of the Capital Improvement Program Rehabilitation Funding Policy is to address funding for the City's General Fund infrastructure rehabilitation and replacement. There were no updates to the existing policy.

Pension Funding Policy

The new Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of pension benefits. The policy also provides guidance in making annual budget decisions; demonstrates prudent financial management practices; reassures bond rating agencies; and shows employees and the public how pensions will be funded.

Other Post-Employment Benefits (OPEB) Funding Policy

The purpose of the Other Post-Employment Benefits (OPEB) Funding Policy is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. There were no updates to the existing policy. There were no updates to the existing policy.

Workers' Compensation and General Liability Funding Policy

The purpose of the Workers' Compensation and General Liability Funding Policy is to provide adequate financial resources to fund the City's Workers' Compensation and General Liability Programs and establish and maintain adequate reserves in the Workers' Compensation and General Liability Internal Service Funds. There were no updates to the existing policy.

Interfund Loans Policy

This new policy documents the methods used by the City to demonstrate prudent financial management over interfund loans. The policy requires City Council approval of interfund loans, except for short-term working capital loans to cover Council-approved reimbursable grants and projects and other temporary timing differences in cash flows.

Request for Proposals (RFP) Policy

The purpose of the Request for Proposals (RFP) Policy is to provide a uniform process for the issuance, evaluation, and selection of competitive proposals for services and/or customized goods. There was only one nonsubstantive update to the existing policy. .

FISCAL IMPACT

Approval of the policies has no fiscal impact. However implementation of the policies is expected to improve the fiscal position and financial health of the City. As an example, the Fiscal Year 2019-20 Proposed Budget is being developed based on these recommended financial policies.

ECONOMIC DEVELOPMENT / JOBS CREATED

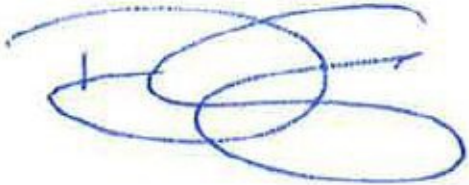
Approval of the policies will not have an impact on economic development of job creation.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). The approval of financial policies does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Dennis Kauffman, Chief Financial Officer



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 19-180

Redline version of Financial Policies

Financial Policies eff July 1 2019

RESOLUTION NO. 19-180

ADOPTING THE CITY OF ROSEVILLE FINANCIAL POLICIES,
EFFECTIVE JULY 1, 2019

WHEREAS, the City of Roseville Financial Policies, effective July 1, 2019, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the city of Roseville that the City of Roseville Financial Policies, effective July 1, 2019 are hereby adopted.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

City of Roseville Financial Policies



Effective July 12, 20198

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City of Roseville Investment Policy

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I. INTRODUCTION

The purpose of this document is to identify various policies and procedures that enhance opportunities for a prudent and systematic investment policy and to organize and formalize investment-related activities.

The investment policies and practices of the City of Roseville (City) are based on state law and prudent money management. All funds will be invested in accordance with this investment policy and Article 2 of Chapter 4 of the California Government Code. This policy is in compliance with the provisions of the California Government Code, Sections 53600 through 53659, and the authority governing investments for municipal governments.

II. SCOPE

The investment policy applies to all financial assets of the City as accounted for in the Comprehensive Annual Financial Report (CAFR). Policy statements outlined in this document focus on the City's pooled funds, but will also apply to all other funds under the City's Chief Financial Officer's span of control unless specifically exempted by statute or ordinance.

Proceeds of debt issuance shall be invested in accordance with the permitted investment provisions of their specific bond indentures. If, in the opinion of the City's Chief Financial Officer, matching the segregated investment portfolio of the bond reserve fund with the maturity schedule of an individual bond issue is prudent given current economic analysis, the investment policy authorizes beyond the five year maturity limitation as outlined in this document. The intent to invest in securities with longer maturities shall be disclosed in the permitted investment language authorized by the City Council in an indenture of trust.

The policy does not cover funds held by the Public Employees Retirement System nor funds of the Deferred Compensation program or the Other Post Employment Benefit Trust.

III. PRUDENCE

The standard of care to be used by investment officials shall be the "prudent investor" standard and shall be applied in the context of managing an overall portfolio. The "prudent investor" standard states that:

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When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

IV. OBJECTIVES

The primary objectives, in priority order, of the investment activities of the City shall be:

A. Safety

Safety of principal is the foremost objective of the investment program. City investments shall be undertaken in a manner that seeks to ensure preservation of Capital in the portfolio. To further achieve the safety objective, the amount invested in all investment categories is limited to a percentage of the portfolio as defined in the section "VIII. PERMITTED INVESTMENT INSTRUMENTS".

B. Liquidity

The investment portfolio of the City will remain sufficiently liquid to enable the City to meet its cash flow requirements.

C. Return on Investment

The investment portfolio of the City shall be designed with the objective of attaining a market rate of return on its investments consistent with the constraints imposed by its safety objective and cash flow considerations.

V. DELEGATION OF AUTHORITY

The City Council hereby delegates management responsibility of the investment program to the Chief Financial Officer. The Chief Financial Officer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. The Chief Financial Officer may delegate investment

Field Code Changed

decision making and execution to the ~~Finance Director or the~~ Controller in absence of the ~~Chief Financial Officer~~ Finance Director. No person may engage in an investment transaction except as provided under the limits of this policy unless specifically exempted by statute or ordinance.

VI. ETHICS AND CONFLICT OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program, or which could impair their ability to make impartial decisions.

VII. AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

The Chief Financial Officer and/or his/her designee will maintain a list of approved financial institutions authorized to provide investment services to the City in the State of California. These may include “primary” dealers or regional dealers that qualify under Securities & Exchange Commission Rule 15C3-1. A determination should be made to insure that all approved broker/dealer firms, and individuals covering the public agency, are reputable and trustworthy. In addition, the broker/dealer firms should have the ability to meet all of their financial obligations in dealing with the Public Agency. The firms, and individuals covering the agency, should be knowledgeable and experienced in Public Agency investing and the investment products involved. No public deposit shall be made except in a qualified public depository as established by the established state laws. All financial institutions and broker/dealers who desire to conduct investment transactions with the public agency must supply the Chief Financial Officer with a completed broker/dealer questionnaire and certification of having read the City’s investment policy. In addition, broker/dealers must certify annually of having read the City’s investment policy.

VIII. PERMITTED INVESTMENT INSTRUCTIONS

The City shall limit investments in any one non-government issuer, except investment pools, to no more than 5% regardless of security type.

- A. **U.S. Treasury obligations** for which the full faith and credit of the United States are pledged for the payment of principal and interest. Up to 100% of the City’s investment portfolio may be invested in government obligations.
- B. **Federal agency or United States government-sponsored enterprise obligations,** participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. This shall include any mortgage pass through security issued and guaranteed by a Federal Agency with a maximum final maturity of five years. Purchase of Federal Agency issued mortgage-backed

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securities authorized by this subdivision may not exceed 20% of the City's surplus money; all other investments in Federal Agency securities are unrestricted.

- C. **Obligations of the State of California or any local agency within the state,** including bonds payable solely out of revenues from a revenue producing property owned, controlled or operated by the state or any local agency or by a department, board, agency or authority of the state or any local agency, provided that the obligations are rated in one of the two highest categories by a nationally recognized statistical-rating organization (NRSRO). Up to 100% of the City's investment portfolio may be invested in California municipal obligations.
- D. **Registered treasury notes or bonds of any of the other 49 states** in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of these states.
- E. **Repurchase Agreements** used solely as short-term investments not to exceed 30 days. Up to 100% of the City's investment portfolio may be invested in repurchase agreements.

The following collateral restrictions will be observed:

1. Only U.S. Treasury securities or Federal Agency securities, as described in section VIII. PERMITTED INVESTMENT INSTRUMENTS, paragraph (A) and (B) will be acceptable collateral. All securities underlying Repurchase Agreements must be delivered to the City's custodian bank by book entry, physical delivery, or by a third party custodial agreement. The total of all collateral for each Repurchase Agreement must equal or exceed, on the basis of market value, 102% of the funds borrowed against those securities. For any Repurchase Agreement with a term of more than one day, the value of the underlying securities must be reviewed on a weekly basis and the value of the underlying securities brought back up to 102% no later than the next business day.
2. Market value must be calculated each time there is a substitution of collateral.
3. The City or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to Repurchase Agreement.
4. The City may enter into Repurchase Agreements only with primary dealers of the Federal Reserve Bank of New York.

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5. The City will have specific written agreements with each firm with which it enters into Repurchase Agreements.

6. Reverse repurchase agreements will not be allowed.

F. **Banker's Acceptances**, otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank.

Purchases of Banker's Acceptances may not exceed 180 days maturity or 40% of the City's investment portfolio.

G. **Commercial paper** of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in section "VIII. PERMITTED INVESTMENT INSTRUMENTS", paragraph (G1) or (G2).

1. The entity meets the following criteria:

- a. Is organized and operating in the United States as a general corporation.
- b. Has total assets in excess of five hundred million dollars (\$500,000,000).
- c. Has debt other than commercial paper, if any, that is rated "A" or higher by a NRSRO.

2. The entity meets the following criteria:

- a. Is organized within the United States as a special purpose corporation, trust, or limited liability company.
- b. Has program wide credit enhancements including, but not limited to, over collateralizations, letters of credit, or surety bond.
- c. Has commercial paper that is rated "A-1" or higher, or the equivalent, by a NRSRO.

Purchases of eligible commercial paper may not exceed 270 days maturity nor represent more than 10% of the outstanding paper of an issuing corporation.

Purchases of commercial paper may not exceed 25% of the City's investment portfolio.

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- H. **Medium-term corporate notes** issued by corporations organized and operating within the United States or by depository institutions licensed by the U.S. or any state and operating within the U.S. Medium-term corporate notes shall be rated in a rating category "A" or its equivalent or better by a nationally recognized rating service.

Purchase of medium-term corporate notes may not exceed 30% of the City's investment portfolio.

- I. **FDIC insured or fully collateralized time certificates of deposit.** Purchases of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.
- J. **Negotiable certificates of deposit or deposit notes** issued by a nationally or state-chartered bank, a state or federal savings and loan association, a state or federal credit union, or a federally-licensed or state-licensed branch of a foreign bank provided that the senior debt obligations of the issuing institution are rated "A" or better by an NRSRO.

The legislative body of a local agency and the treasurer or other official of the local agency having legal custody of the money are prohibited from investing local agency funds, or funds in the custody of the local agency, in negotiable certificates of deposit issued by a state or federal credit union if a member of the legislative body of the local agency or any person with investment decision making authority in the administrative office manager's office, budget office, auditor-controller's office, or treasurer's office of the local agency also serves on the board of directors, or any committee appointed by the board of directors, or the credit committee or the supervisory committee of the state or federal credit union issuing the negotiable certificates of deposits.

All certificates of deposit must be properly collateralized in accordance with Section 53652 of the California Government Code or fully insured by the Federal Deposit Insurance Corporation (FDIC).

Purchase of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

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K. **State of California's Local Agency Investment Fund**

The Local Agency Investment Fund (LAIF) portfolio should be reviewed periodically. Investment in LAIF may not exceed the legally authorized limits.

L. **Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission**

under the Investment Company Act of 1940 (15 U.S.C. Sec. 80a-1, et seq.). To be eligible for investment pursuant to this subdivision these companies shall either: (1) have attained the highest ranking or the highest letter and numerical rating provided by not less than two nationally recognized statistical rating organizations or (2) have an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds and with assets under management in excess of \$500,000,000.

The purchase price of shares of beneficial interest purchased shall not include any commission that the companies may charge and shall not exceed 20% of the City's investment portfolio. Further, no more than 10% of the City's investment portfolio may be invested in shares of beneficial interest of any one money market fund.

M. **Shares in a California common law trust** established pursuant to Title 1, Division 7, Chapter 5 of the Government Code of the State of California that invests exclusively in investments permitted by Section 53635 of Title 5, Division 2, Chapter 4 of the Government Code of the State of California, as it may be amended. Up to 100% of the City's investment portfolio may be invested in this investment type.

N. **Supranationals** are United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB), with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA-", its equivalent, or better by an NRSRO.

Purchases of supranationals shall not exceed 30% of the investment portfolio of the City. Supranationals are permitted by California Government Code § 53601 (q) effective January 1, 2015.

O. **Any mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-back certificate,**

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consumer receivable pass-through certificate, or consumer receivable-backed bond ~~of a maximum of five years maturity. Securities eligible for investment under this subdivision shall be rated in a rating category of "AA" or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. Eligible securities must be rated, by a nationally recognized rating service, as "AA" or higher, and the issuer of the security must have an "A" or higher rating for its debt as provided by a nationally recognized rating service.~~ No more than 20% of the City's surplus funds may be invested in this type of security.

Where this section specifies a percentage limitation for a particular category of investment, that percentage is applicable only on the date of purchase. Credit criteria listed in this section refers to the credit of the issuing organization at the time the security is purchased. If an investment falls below the minimum purchase rating, the Investment Review Committee will perform a timely review to sell or hold the investment.

P. Prohibited Investments

For purposes of this policy, a derivative is defined as any security where the value is linked to or derived from an underlying asset or benchmark. Any security type or structure not specifically approved by this policy is hereby specifically prohibited. The City will not use such derivatives as range notes, dual index notes, inverse floating rate notes, leveraged notes, or notes linked to lagging indices or to long term indices, nor will the City invest in reverse repurchase agreements, interest-only strips that are derived from a pool of mortgages, or any security that could result in zero interest accrual if held to maturity. This policy does not preclude the use of repurchase agreements and callable securities, as they do not fall within the definition of a derivative as described herein.

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Summary of Maximum Percentage Limitations of Investments by Investment Type

Authorized Investment Type	Maximum Maturity	Minimum Credit Quality at Time of Purchase	Maximum Percentage Allowed	Maximum Investment In One Issuer
U.S. Treasury Obligations	5 Years	None	None	None
U.S. Agency Securities	5 Years	None	None	None
Forward Delivery Agreements	N/A	A	None	None
Local Agency Bonds	5 Years	None	None	None
Repurchase Agreements	30 days	None	None	None
Bankers' Acceptances	180 days	None	40%	30%
Commercial Paper	270 days	A-1	25%	10%
Medium-Term Notes	5 Years	A	30%	5%
Collateralized Time Deposits	5 Years	None	30%	None
Negotiable Certificates of Deposit	5 Years	A	30%	None
Local Agency Investment Fund (LAIF)	N/A	None	None	\$65 million/account
Insured Saving Accounts	N/A	None	None	None
Money Market Mutual Funds	N/A	None	20%	10%
Shares in a California Common Law Trust	N/A	None	None	None
Interest Rate Swaps	N/A	None	None	None
Supranationals	5 Years	AA-	30%	None
Mortgage Pass-Through Securities	5 Years	AA	20%	None

IX. REVIEW OF INVESTMENT PORTFOLIO

The securities held by the City must be in compliance with Permitted Investments at the time of purchase. Because some securities may not comply subsequent to the date of purchase, the Chief Financial Officer shall at least annually review the portfolio to identify those securities that do not comply. The Chief Financial Officer shall report major and critical incidences of noncompliance identified through the review of the portfolio.

X. INVESTMENT POOLS

A thorough investigation of any investment pool is required prior to investing and should be monitored on an ongoing basis. The following information should be obtained and analyzed.

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- A. A description of eligible of investment securities.
- B. A written statement of investment policies and objectives.
- C. A description of interest calculations and their distribution, and the treatment of gains and losses.
- D. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.
- E. A description of who may invest in the program, how often, and what size of deposits and withdraws are allowed.

XI. COLLATERALIZATION

Collateral for Non-negotiable Certificates of Deposit and Negotiable Certificates of Deposit must comply with California Government Code section 53652. In addition, if the Certificate of Deposit is not FDIC insured, collateral is required equal to 110% of principal.

XII. SAFEKEEPING AND CUSTODY

The City shall take from such financial institution a receipt for securities so deposited. All security transactions, including collateral for repurchase agreements, entered into the City shall be conducted on a delivery-versus-payment (DVP) basis pursuant to the approved custodial safekeeping agreements. The authority of the legislative body to deposit for safekeeping may be delegated by the legislative body to the Chief Financial Officer of the City; the Chief Financial Officer~~Treasurer~~ shall not be responsible for securities delivered to and receipted for by a financial institution until they are withdrawn from the financial institution by the Chief Financial Officer~~Treasurer~~.

XIII. DIVERSIFICATION

The City's investment pool will be diversified to avoid incurring unreasonable and avoidable risks. The investments will be diversified by security type, maturities of those investments, and institutions in which those investments are made.

XIV. MAXIMUM MATURITY

Investment maturities shall be based on a review of cash flow forecasts. Maturities will be scheduled so as to permit the City to meet all projected obligations while minimizing interest rate risk and maximizing earnings. Unless specified below, the maximum maturity will be no more than five years from purchase date to maturity date.

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City Council has granted permission to invest the following fund accounts where liquidity is not the primary investment objective, in Federal Treasury or Agency securities with maturities up to ten years. The specified fund accounts include:

- The City's Pooled Fund, limited to 25% of the total pool
- Citizens' Benefit Trust
- North Central Wetlands Endowment
- Aquatics Complex Maintenance
- Woodcreek West Endowment

XV. INTERNAL CONTROLS

The Chief Financial Officer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the City are protected from loss, theft, fraud or misuse. An analysis by an external independent accounting firm shall be conducted annually to review internal controls, account activity, and compliance with the investment policies.

XVI. PERFORMANCE BENCHMARK

The investment portfolio will be designed to obtain a market rate of return during budgetary and economic cycles, taking into account the City's investment risk constraints and cash flow needs. The Investment Review Committee has elected to use for its performance standard the Constant Maturity Treasury (CMT) Index. For the Pooled Portfolio, the 12 month moving average yield on 3Yr CMT will be used and for Citizens' Benefit Trust portfolio, the 12 month moving average yield on 5Yr CMT will be used. All other City portfolios will follow the 2Yr CMT.

XVII. REPORTING REQUIREMENTS

The Chief Financial Officer shall submit monthly investment reports to the City Manager and make these reports available to the City Council in the Finance Department office. The reports shall include, at a minimum, the following information for each individual investment:

- Description of investment instrument
- Issuer name
- Yield on cost
- Purchase date
- Maturity date
- Book value
- Par value

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- Current market value
- Transaction activity
- Interest earnings summary

XVIII. INVESTMENT POLICY ADOPTION

The City's investment policy shall be adopted by resolution by the City Council. The policy shall be reviewed annually by the Chief Financial Officer and/or his/her designee and any modifications made thereto must be approved by the City Council.

XIX. GLOSSARY

Agencies - Federal agency and instrumentality securities.

Asked - The price at which securities are offered.

Bid - The price offered by a buyer of securities (when one sells securities, one asks for a bid). See "Offer".

Benchmark - A comparative base for measuring the performance or risk tolerance of the investment portfolio. A benchmark should represent a close correlation to the level of risk and the average duration of the portfolio's investments.

Broker-Dealer – a person or a firm who can act as a broker or a dealer depending on the transaction. A broker brings buyers and sellers together for a commission. They do not take a position. A dealer acts as a principal in all transactions, buying and selling for his own account.

Certificate of Deposit (CD) – A time deposit with a specific maturity evidenced by a Certificate. Large-denomination CDs are typically negotiable.

Collateral – Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

Custody – Safekeeping services offered by a bank, financial institution or trust company, referred to as the "custodian." Service normally includes the holding and reporting of the customer's securities, the collection and disbursement of income, securities settlement and market values.

Delivery Versus Payment – A type of securities transaction in which the purchaser pays for the securities when they are delivered either to the purchaser or custodian. It ensures that securities are deposited in an eligible financial institution prior to the

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release of funds. Securities should be held by a third-party custodian as evidenced by safekeeping receipts.

Diversification – Dividing investment funds among a variety of securities offering independent returns.

Federal Agency Obligation – A debt instrument issued by one of the federal agencies. Federal agencies are considered second in credit quality and liquidity only to U.S. Treasuries.

Investment Review Committee – The committee meets quarterly to discuss the investments in the City’s portfolios. The investment review committee consists of the City Manager, Chief Financial Officer and members of the Finance Department.

Liquidity – An investment that can be converted easily and rapidly into cash without a substantial loss of value.

Local Agency Investment Fund (LAIF) – The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment.

Market Value – The price at which a security is trading and could presumably be purchased or sold on a specific date.

Maturity – The date upon which the principal or stated value of an investment becomes due and payable.

Money Market Fund – a type of safe investment comprising a variety of short-term securities with high quality and high liquidity. The fund provides interest to shareholders and must maintain a stable net asset value (NAV) of \$1 per share.

Offer - The price asked by a seller of securities (when one buys securities, one asks for an offer). See “Asked” and “Bid”.

Portfolio – Collection of securities held by an investor.

Principal – the original cost of a security. It represents the amount of capital or money that the investor pays for the investment.

Prudent Investor Standard – An investment standard that all investments should be made with care, skill, prudence and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those

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matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Rate of Return - The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity; on a bond, the current income return.

U.S. Treasury – Government debt issued by the United States Department of the Treasury through the Bureau of the Public Debt. Treasury securities are the debt financing instruments of the United States federal government, and they are often referred to simply as Treasuries. There are four types of marketable treasury securities: Treasury bills, Treasury notes, Treasury bonds, and Treasury Inflation Protected Securities (TIPS). All of the marketable Treasury securities are very liquid and are heavily traded on the secondary market.

Yield - The rate of annual income return on an investment, expressed as a percentage.

Yield-To-Call (YTC) - The rate of return an investor earns from a bond assuming the bond is redeemed (called) prior to its nominal maturity date.

Yield-To-Maturity - The current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity.

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City of Roseville

Debt Management Policy

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I. INTRODUCTION

The Finance Department of the City of Roseville (the “City”) has developed this Debt Management Policy (the “Debt Policy”) to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City.

While the issuance of debt is frequently an appropriate method of financing capital projects and major equipment acquisitions, such issuance must be carefully monitored to preserve the City’s credit strength and to provide the necessary flexibility to fund future capital needs.

II. SCOPE

This Debt Policy shall govern, except as otherwise covered by the law, City Charter and City Code, the issuance and management of all debt and lease financings funded in the capital markets. While adherence to the Debt Policy is desired, the City recognizes that changes in the capital markets as well as unforeseen circumstances, may from time to time produce situations that are not covered by the Debt Policy and may require modifications or exceptions to achieve City goals.

The City’s Debt Policy shall be reviewed, and updated if necessary, on an annual basis. The Chief Financial Officer (CFO) with the assistance of the ~~Finance Director and~~ General Accounting staff shall have the responsibility and authority for structuring, implementing and managing the City’s debt and financing program, in accordance with City Council authorizations.

III. OBJECTIVES

The City has earned some of the highest credit ratings in the nation and as a result receives some of the lowest possible interest rates on its debt. These low interest rates result in a lower overall cost of capital to the City. This Debt Policy will assist the City in determining appropriate uses of debt financing, establish certain debt management goals and assist the City in maintaining its high credit ratings, while assuming a prudent level of financial risk and preserving the City’s flexibility to finance future capital programs and requirements. Additionally, this Debt Policy is intended to set forth criteria for selecting firms to provide certain financial, legal, and other related services that will ensure that a fair and open selection process is used which provides opportunities for all qualified firms, including minority and women owned businesses.

IV. DEBT ISSUANCE

There are three general methods of issuing debt obligations, a competitive sale, negotiated sale and private placement.

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A. Types of Bond Sales

1. Competitive Sale

In a competitive sale, security dealers submit bids either in a sealed bid or electronically secure process and the security dealer with the lowest True Interest Cost (TIC) and in compliance with the bid parameters is awarded the bonds.

2. Negotiated Sale

In a negotiated sale, an underwriter or underwriter syndicate is selected through a Request for Qualifications (RFQ) process or a Request for Proposal (RFP) process. The interest rate and underwriter's fee are negotiated prior to the sale, based on market conditions.

3. Private Placement/Bank Direct Purchase (BDP)

A private placement or bank direct purchase is a sale that is structured specifically for one purchaser, such as a mutual fund or a bank. BDPs are usually quicker and less expensive for municipalities than competitive or negotiated bond sales because they impose fewer requirements on the issuer. The interest rate may be a fixed or variable rate, as agreed between the issuer and purchaser. The term of the bonds may range from under 10 years to 15 years or not much longer, as agreed between the issuer and purchaser. The bonds may or may not be tax-exempt bonds for federal income tax purposes. If the CFO, or his/her designee, determines that it is in the best interest of the City from a cost or administrative standpoint, the Finance Department may negotiate financing terms with banks and financial institutions for specific borrowings.

It shall be the policy of the City to ensure the lowest risk and lowest overall interest rate to the City when issuing debt either through a competitive sale, negotiated sale or private placement, where appropriate. The City shall use the following criteria to determine whether a competitive or negotiated sale should be used.

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B. Issuer Characteristics

1. Market Familiarity

A frequent issuer of a well-recognized credit such as general obligation bonds can generally sell these bonds through a competitive sale since investors and underwriters are familiar with the quality of the credit. A negotiated sale may be appropriate if extensive pre-marketing to investors is desired or required.

2. Credit Strength

The higher the credit quality of the bonds being issued, the more likely the bonds can be sold using a competitive sale due to the high demand for high quality municipal bonds. High quality credits fare well in competitive sales.

3. Policy Goals

A competitive sale does not provide the City with the flexibility of choosing the underwriter or underwriter syndicate. If the CFO concludes that determining the composition of the underwriter syndicate to achieve certain policy objectives is important, then a negotiated sale will be required. However, if the CFO selects the negotiated sale solely for policy reasons then the specific rationale and criteria for selection should clearly be specified.

C. Financing Characteristics

1. Type of Debt Instrument

The market favors familiar debt instruments such as general obligation bonds backed by the full faith and credit of the City. New credit types may require an education process that is more conducive to a negotiated sale until the market becomes comfortable with the credit.

2. Issue Size

The size of the bond sale will influence both investor interest in the bonds and the market's ability to absorb the bonds. In general if the bond sale is too small or too large, a negotiated sale may be necessary. A small sale may require greater marketing to garner investor interest while a

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large sale may be difficult for the market to absorb without the presale activity available in the negotiated sale process.

3. Market Conditions and Timing

During periods of stable interest rates, market timing is not as critical. However, during periods of volatile interest rates, the timing of the sale becomes more critical. Bond refundings are also often very interest rate sensitive in terms of the potential level of savings or the general feasibility of the refunding. The negotiated sale provides more flexibility in terms of the structure of the bond sale as well as the timing of the bond sale and may be more appropriate when issuing refunding bonds and when interest rates are volatile.

4. Story Bonds

Bonds that require a detailed explanation due to the complexity of the credit or the repayment of the bonds are often referred to as “Story Bonds”. Due to their complexity and the additional explanation these bonds require, an extensive pre-marketing campaign is necessary. Story Bonds often require a negotiated sale composed of an underwriting syndicate that is qualified to market the bonds in order to obtain the lowest financing cost for the City.

V. FINANCIAL SERVICE PROVIDERS

A. Selection

In connection with debt financings, financial advisors, underwriters, and other service providers will be selected from a Qualified Vendors List (QVL) developed through a periodic Request for Qualifications (RFQ) process or, for individual financings, through a Request for Proposals (RFP) process, whichever method is deemed most appropriate given the specifics of the financing. At the discretion of the CFO, contracts may be awarded on a sole source basis if it is clear that an RFQ/RFP process is not feasible or not in the best interest of the City.

For competitive sales, any security dealer meeting the qualification criteria outlined in the competitive bid notice may bid in the competitive sale. For negotiated sales, only those underwriters qualified under the RFQ/RFP process may be selected. Underwriters or underwriter syndicates will be selected by the CFO. The allocation of bonds among syndicate members will be at the sole discretion of the CFO with the approval of the City Manager or his/her designee.

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B. Use of Independent Financial Advisors

The City will hire financial advisors who are independent. In the event the best available financial advisor is an investment banking firm, the firm will under no circumstances be permitted to participate as the lead underwriter or as a member of an underwriter syndicate that is bidding on the bonds for which the firm is acting as a financial advisor. In addition, if the firm has any profit sharing or other type of agreement with any member of the underwriting syndicate for the transaction in question, they will not be allowed to act as the financial advisor. In general, no agreement will be permitted that would compromise the firm's ability to provide independent advice or that could be reasonably perceived by the City as a conflict of interest. Advisors must alert the CFO, in writing, of any conflict, potential conflict, or potentially perceived conflict prior to entering into an agreement with the City, or if occurring after entering into an agreement with the City, as soon as the conflict, potential conflict, or potentially perceived conflict arises.

C. Communication/Solicitation

All financial consultants, including all investment banking firms, financial advisors, bond counsel, and other consultants hired in connection with any bond transaction will direct all communications, solicitations and questions to the CFO or his/her designee. Underwriters are reminded that under Rule G-37 of the Municipal Securities Rulemaking Board (MSRB) that a firm may be banned from providing underwriting services to the City for two years for making any political contributions to elected City officials.

VI. DEBT MANAGEMENT PROCESS – TAX STATUS

Prior to the issuance of any bonds, the Finance Department, in conjunction with bond counsel and the City Attorney's Office will evaluate the tax status of any bond sales.

A. Tax-Exempt

Interest on tax-exempt bonds is excluded from the gross income of its owners for federal income tax purposes and from California income taxes and as a result tax-exempt bonds can be sold at a lower true interest cost than taxable bonds. The City, along with bond counsel, will evaluate all projects to be funded to assess their eligibility to be funded by tax-exempt bonds. The City will make every effort to ensure that all tax regulations are complied with to ensure the bonds maintain their tax-exempt status.

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B. Taxable

Certain municipal bonds are sold as taxable bonds because they are issued for purposes that the federal government deems do not provide a significant benefit to the public at large or involve “private activity”. In addition, certain tax laws such as the alternative minimum tax (AMT) reduced the tax exemption applicable to certain types of bonds and to certain taxpayers. Taxable bonds will be used whenever a particular project has the potential for private activity or other uses that may call into question the eligibility to use tax-exempt financing.

VII. DEBT MANAGEMENT PROCESS – TYPE OF DEBT

A. Fixed Rate Debt

Longer term debt usually consists of fixed interest rates over the term of the bonds and should be used to finance essential capital facilities, projects and certain equipment where it is appropriate to spread the cost of the project over more than one budget year and generally for a period not to exceed the useful life of the project being financed. In so doing, the City recognizes that future taxpayers who will benefit from the project will pay a share of its cost. Fixed rate debt provides the benefit of fixed payments during the life of the bonds and budget certainties for long-term capital planning. However, fixed rate debt is typically longer term and carries higher interest payments (assuming an upward sloping yield curve) than variable rate debt but is not subject to changes in interest rates. Fixed rate debt is the most common type of debt issued by the City.

B. Variable Rate Debt

The municipal bond market has developed several vehicles by which municipalities can borrow at short-term, variable interest rates. Variable Rate Demand Notes may be issued with interest rates that “reset” daily, weekly, monthly or semiannually at the option of the City. Commercial paper is issued with a maturity of up to 270 days at the City’s option. As the commercial paper matures, it is resold by a commercial paper dealer for another period up to 270 days.

These products are structured as a rolling series of short-term investments and therefore are priced at the short-end of the yield curve at lower interest rates than long-term fixed rate bonds (assuming an upward sloping yield curve). By accepting the risks inherent in variable interest rates, the City can take advantage of the lowest rates available in the current market.

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Factors that will be considered in the use of variable rate debt are the availability and size of fund balances to cover variable rate risk, and the budget flexibility of the program being financed. Programs with large complex capital programs may use short-term financing to fund uncertain construction cash flow requirements. The short-term debt can be refinanced as fixed-rate, long term debt once the projects are complete. A project that must be carried in anticipation of grant funding may also be a candidate for the use of variable rate financing. Examples are the Electric, Water, and Wastewater enterprise funds.

C. Use of Alternative Debt Instruments

1. Derivative Products

The use of certain derivative products, such as swaps, swaptions and the sale of call options, allow the City to realize lower all-in costs on a new debt issuance or to receive an upfront payment. One type of swap that may be used would allow the City to issue variable rate debt in exchange for fixed payments that are typically lower than fixed rate debt. However, such products have unique risks that the City and its financial advisors will evaluate as per the City's Swap Policy. The current Swap Policy is included in Appendix A.

VIII. DEBT MANAGEMENT PROCESS – DEBT CAPACITY

The determination of how much indebtedness the City can afford begins by assessing the sufficiency of future revenues. The amount of debt issued is based on the requirements of the approved 5-year CIP, subject to the condition that sufficient revenues are projected to be available. Factors such as debt service coverage requirements outlined in the bond indentures, the impact on the citizens (tax rates), and any impact on the bond ratings will be carefully considered. Different factors are considered for each type of credit. For example, Revenue or Certificates of Participation bonds for electric, water and wastewater bonds will consider the impact on customer utility bills. In the case of general obligation debt, State Statutes and the Constitution limit the amount of debt that a municipality can have outstanding.

IX. DEBT MANAGEMENT PROCESS – SECURITY OF DEBT

A. General Obligation (G.O.) Bonds

G.O. bonds are backed by the full-faith and credit of the City and are secured by secondary property taxes.

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B. Revenue Bonds

Revenue bonds are supported solely from fees generated from specific Enterprise Funds. Accordingly, in order to preserve debt capacity and budget flexibility, the City will issue revenue bonds when an identifiable revenue stream can be dedicated to support the payment of debt service. The final maturity of revenue obligations will be determined by the expected life of the project to be financed and the revenues available to repay the debt. The City's various Enterprise Funds – Electric, Water, and Wastewater issue bonds backed by revenues of the enterprise. Revenue bonds are generally issued through the Roseville Finance Authority.

C. Certificates of Participation (COP) Bonds

COP bonds are an instrument evidencing a pro rata share in a specific pledged revenue stream, usually lease payments by the issuer that are typically subject to annual appropriation. The certificate generally entitles the holder to receive a share, or participation, in the payments from a particular project. The payments are passed through the lessor to the certificate holders. The lessor typically assigns the lease and the payments to a trustee, which then distributes the payments to the certificate holders.

D. Housing Bonds

Tax-exempt housing bonds are an important source of capital, providing loans for single-family homeownership and rental housing for very-low, low and moderate-income individuals and families. The relatively low tax-exempt interest rates, combined with federal, state, and local housing assistance programs, provide the necessary subsidy to create a supply of much needed, below market interest-rate loans.

E. Community Facilities District (CFD) Bonds

CFD bonds are issued and backed entirely by a Community Facilities District established under State Statutes for the purpose of managing and financing public improvements within the district boundaries. Any CFDs established in the City are reviewed by the Finance Department and the Finance Department will supervise the issuance of the debt on behalf of the CFD with the CFD paying all costs of issuance including administrative support. The creation of a CFD must be approved by City Council and follow a detailed legal process. Please refer to Appendix B for additional Goals and Policies concerning CFD bonds.

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F. Special Assessment Bonds

Special assessment bonds are a special type of municipal bond used to fund development projects that benefit a discrete group of taxpayers within a special assessment district. Principal and interest owed on the bonds is paid from assessments on the property benefiting from the particular bond-funded project. The creation of an Assessment District must be approved by City Council and follow a detailed legal process.

X. DEBT MANAGEMENT PROCESS – PURPOSE OF FINANCING

Generally, financings may be undertaken to fund new projects “new money financing” or to refund existing bonds.

A. New Money Financing

New money issues are those financings that generate funding for capital projects. These funds will be used for necessary land acquisitions, capital construction, equipment, and other items for the City. New money bond proceeds are generally not used to fund operational activities. The City also may use its commercial paper programs to provide interim new money funding. The commercial paper notes are retired upon receipt of bond proceeds from a long-term fixed rate financing.

B. Refunding Bonds

A periodic review of the City’s outstanding debt will be undertaken by the Finance Department to determine refunding opportunities.

Refunding bonds are issued to retire all or a portion of an outstanding bond issue. Most typically this is done to refinance at a lower interest rate to reduce overall debt service. Alternatively, some refundings are undertaken for reasons other than to achieve cost savings, such as to restructure debt service payments, to change the type of debt instruments being used, or to eliminate undesirable covenants.

In any event, a present value savings analysis must be prepared that identifies the economic effects of any refunding being considered by the City. The savings from any particular refunding candidate shall generally be at least 5% of the refunded par amount, net of all transaction expenses. This 5% savings target may be waived by the CFO, or his/her designee, upon a finding that such a refunding is in the City’s best overall financial interest and shall not be applicable for refunding transactions that are not solely undertaken to achieve cost savings.

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XI. DEBT MANAGEMENT PROCESS - CREDIT RATINGS

The City seeks to obtain and maintain the highest possible credit ratings for all categories of short- and long-term debt. The City will not issue bonds that do not carry investment grade ratings.

A. Rating Agency Relationships

The CFO, or his/her designee, shall be responsible for maintaining relationships with rating agencies that assign ratings to the City's various debt obligations. This responsibility shall include coordinating meetings and presentations in conjunction with the issuance of debt. Full disclosure of operations and open lines of communication shall be maintained with the rating agencies used by the City.

B. Use of Rating Agencies

The City may obtain a rating from at least one nationally recognized rating agency on all new bond issues being sold in the public market. The CFO, or his/her designee, shall determine whether or not any additional ratings will be requested on a particular financing. The CFO, or his/her designee, shall determine which major rating agencies will be asked to provide a rating. Exceptions to this requirement, such as when using a private placement, are permissible, if warranted by the circumstances and approved by the CFO, or his/her designee.

The City and/or the financing team shall notify the rating agencies by telephone or through written correspondence when the City anticipates issuing bonds. Bond documentation shall be sent several weeks prior to the bond sale to the selected rating agencies in order to provide the rating agencies sufficient time to perform their review. A personal meeting with the selected rating agencies may be scheduled if, in the opinion of the CFO, or his/her designee, such a meeting is in the best interest of the City in order to obtain the highest possible credit rating.

The City shall make every reasonable effort to maintain or improve its high quality credit ratings.

The City may request an underlying rating and an insured rating on all bond issues utilizing bond insurance.

The City shall submit its audited comprehensive annual financial report to all rating agencies utilized by the City.

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XII. DEBT MANAGEMENT PROCESS – CREDIT ENHANCEMENT

Although the City has high credit ratings, credit enhancement through the use of bond insurance or a bank facility such as a letter of credit to strengthen the underlying credit rating of certain bonds may be financially beneficial. Bonds insured by insurers rated AAA will also receive the AAA rating and thus be able to be sold at a lower interest rate. Bank facilities, such as letters of credit from highly rated banks, can also be used to provide credit enhancement.

A. Bond Insurance

Bond insurance will be considered when it provides an economic benefit to a particular bond maturity or entire issue. Bond insurance provides improved credit quality for the bonds as a result of the insurance provider's guarantee of the payment of principal and interest on the bonds. Because of the decreased risk of non-payment, investors are willing to purchase insured bonds at lower yields than uninsured bonds, thus providing the issuer with interest cost savings.

1. Benefit Analysis

The decision to use bond insurance is an economic decision. A benefit analysis compares the present value of the interest savings to the cost of the insurance premium. Insurance will be purchased when the premium cost is less than the present value of the projected interest savings. A copy of the benefit analysis shall be maintained in the files of the Finance Department.

2. Selection

The City or its financial advisor will undertake a competitive selection process when soliciting pricing for bond insurance, or in the case of a competitive sale, facilitating the prequalification of bonds by insurance providers. The City recognizes that all providers may not be interested in providing bids to the City or pre-qualifying the issue. The winning security dealer in a competitive sale will determine whether it will purchase insurance for the issue. For a negotiated sale, the CFO shall have the authority to purchase bond insurance when deemed advantageous and the terms and conditions governing the guarantee are satisfactory.

B. Bank Facilities (Letters of Credit)

When used for credit enhancement, letters of credit ("LOC") represent a bank's promise to pay principal and interest when due for a defined period of time,

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subject to certain conditions. In the case of a direct-pay LOC, the trustee will draw upon the LOC to make debt service payments and the City will reimburse the LOC provider the amount drawn on the LOC by the trustee. A stand-by LOC is used to ensure the availability of funds to pay principal and interest of an obligation only if the funds in the debt service account held by the trustee are insufficient to make the debt service payment on the bonds.

XIII. DEBT MANAGEMENT PROCESS – STRUCTURAL FEATURES

A. Maturity

The final maturity of a bond sale shall be equal to or less than the remaining useful life of the assets being financed, and the average life of the financing shall not exceed 120% of the average useful life of the assets being financed.

B. Debt Service Structure

The Finance Department will carefully consider the debt service structure for each bond issue. Factors such as the flow of revenues available for a particular credit, the need to fill in gaps created by refunding specific principal maturities or to structure savings from a refunding in a particular year will be considered. Accelerated repayment may be considered within the bonding capacity constraints to provide capacity for future capital programs. Bonds will be amortized over a period of time not to exceed the useful life of the assets being financed.

C. Lien Levels

Senior, Junior and Subordinated Junior Liens for each revenue source will be utilized in a manner that will maximize the most critical constraint - typically either cost or capacity - thus allowing for the most beneficial use of the revenue source securing the bond.

D. Capitalized Interest

Subject to Federal and State law, interest may be capitalized from the date of issuance of the debt. Interest may also be capitalized for projects in which the revenue designated to pay debt service on the bonds will be collected at a future date, not to exceed six months from estimated completion of construction. Any use of capitalized interest will require a review by bond counsel and approval by the CFO.

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XIV. INVESTMENT OF BOND PROCEEDS

The City shall comply with all applicable Federal, State, and Indenture restrictions, if any, regarding the use and investment of bond proceeds. This includes compliance with any restrictions on the types of investment securities allowed, restrictions on the allowable yield of invested funds as well as restrictions on the time period over which some bond proceeds may be invested. The CFO, or his/her designee, will direct the investment of bond proceeds in accordance with the permitted investments for each particular bond issue. Investments such as guaranteed investment contracts may be considered when their use is in the best interest of the City and will be selected on a competitive basis.

XV. CONTINUING DISCLOSURE

The City will comply when applicable with Rule 15(c)2-12 of the Securities and Exchange Commission by filing an annual report and annual financial information with the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System [and filing material event notices within 10 days of occurrence of certain events as required by the Rule.](#)

XVI. ARBITRAGE REBATE

The City shall comply with all arbitrage rebate requirements as established by the Internal Revenue Service and the Finance Department shall establish a system of record keeping and reporting to meet the arbitrage rebate compliance requirements of the federal tax code. This effort shall include tracking project expenditures financed with bond proceeds, tracking investment earnings on bond proceeds, calculating rebate payments in compliance with tax law, and remitting any rebate earnings to the federal government in a timely manner in order to preserve the tax-exempt status of the City's outstanding tax-exempt debt issues. The CFO, or his/her designee, may enter into agreements with arbitrage service providers to assist the City with complying with arbitrage regulations.

XVII. POST ISSUANCE COMPLIANCE

The City shall comply with all applicable laws and regulations to ensure the tax-exempt status of its bonds. The Finance Department shall maintain written procedures to document the processes used to ensure compliance with applicable laws and regulations, and shall specify the positions and individuals responsible for these processes.

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APPENDIX A

Swap Policy

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I. INTRODUCTION

The swap guidelines outlined herein are only intended to provide general procedural direction regarding the future use, procurement and execution of interest rate swaps and options. These guidelines are intended to relate to various interest rate hedging techniques, including the contractual exchange of different fixed and variable rate payment streams through interest rate swap agreements. The swap policies are not intended in any way to require the City to modify or terminate existing interest rate swaps. The City maintains the right to modify these guidelines and may make exceptions to any of them at any time in its sole discretion. Failure to comply in any manner with these swap guidelines shall not result in liability on the part of the City to any party.

II. APPROACH AND OBJECTIVES

Interest rate swaps and options are appropriate interest rate management tools that can help the City meet important financial objectives. Properly used, these instruments can increase the City's financial flexibility, provide opportunities for interest rate savings or enhanced investment yields, and help the City manage its balance sheet through better matching of assets and liabilities. Swaps should be integrated into the City's overall debt and investment management guidelines and should not be used for speculation.

Swaps are appropriate to use when they achieve a specific objective consistent with the City's overall financial strategies. Swaps may be used, for example, to lock-in a current market fixed rate or create additional variable rate exposure. Swaps may be used to produce interest rate savings, to alter the pattern of debt service payments, or for asset/liability matching purposes. Swaps may be used to cap, limit or hedge variable rate payments. Options granting the right to commence or cancel an underlying swap may be used to the extent the swap itself is consistent with these guidelines or the City determines there are other advantages to be derived in granting the option; however, the City must determine if the use of any such option is appropriate and warranted given the potential benefit, risks, and objectives of the City. The City's staff, together with its Bond Counsel and its Financial Advisor, periodically shall review the City's swap guidelines and recommend appropriate changes.

In connection with the use of any swaps, the City Council shall make a finding that, per Government Code Section 5922, the applicable swap is designed to reduce the amount or duration of the interest rate risk or result in a lower cost of borrowing when used in combination with the issuance or carrying of the Bonds or enhance the relationship between the risk and return with respect to the City's investments or program of investment, as applicable.

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Rationales for Utilizing Interest Rate Swaps and Options

- A. Optimize capital structure; including schedule of debt service payments and/or fixed vs. variable rate allocations
- B. Achieve appropriate asset/liability match
- C. Reduce risk, including:
 - 1. Interest rate risk;
 - 2. Tax risk; or
 - 3. Liquidity renewal risk
- D. Provide greater financial flexibility
- E. Generate interest rate savings
- F. Enhance investment yields
- G. Manage exposure to changing markets in advance of anticipated bond issuances (through the use of anticipatory hedging instruments)

III. PERMITTED INSTRUMENTS

The City may utilize the following financial products on a current or forward basis, after identifying the objective(s) to be realized and assessing the attendant risks.

- A. Interest rate swaps, including fixed, floating and/or basis swaps; and
- B. Options, including swaptions, caps, floors, collars and/or cancellation or index-based features

IV. PROCEDURE FOR SUBMISSION AND EXECUTION

Unsolicited proposals are to be mailed to the [Chief Financial Officer](#)~~City Treasurer~~ and the Financial Advisor for evaluation. Such unsolicited proposals need to be received four weeks prior to the next City Council meeting for consideration at such meeting. For proposals received within four weeks of the next City Council meeting, the City reserves the right to consider the proposal at the following month's Council meeting.

Legal costs incurred in connection with an unsolicited proposal shall be paid by the firm submitting the proposal if for whatever reason the proposal does not close or should the City elect for any reason not to proceed. If the City elects to proceed with the

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proposed transaction and the proposed transaction closes, the City will absorb such legal costs through costs of issuance.

The City staff and the Financial Advisor shall review all unsolicited proposals prior to presentation to the City Council. The City shall only present proposals to the Council that the City, in its sole discretion, believes should be considered further given, for example, the projected savings or other benefits and the ability to meet one or more of the objectives outlined herein. Only proposals that meet the savings guidelines (as described in the “Guidelines for Financing and Selection of the Financing Team”) or that the City staff find compelling for other reasons, shall be presented.

Procurement and Execution

The City will not have a fixed guideline with respect to swap procurement. The City will assess the benefits of competitively bidding financial products that are non-proprietary or generally available in the marketplace. On a product-by-product basis, the City will have the authority to negotiate the procurement of financial instruments that have customized or specific attributes designed on the City’s behalf.

The use of financial derivative products will be recommended if they meet one of the benefits outlined herein or if they:

- A. Provide a specific benefit not otherwise available;
- B. Produce greater expected interest rate savings or incremental yield than cash market alternatives;
- C. Are not speculative or do not create unreasonable leverage or risk;
- D. Result in an improved capital structure or better asset/liability match; or
- E. Reasonably pass the risk evaluation required by these guidelines

Conformance with Dodd-Frank

It is the intent of the City to conform this policy to the requirements relating to legislation and regulations for over-the-counter derivatives transactions under Title VII of the Wall Street Transparency and Accountability Act of 2010, as supplemented and amended from time to time (herein collectively referred to as “Dodd-Frank”). Pursuant to such intent, it is the policy of the City that: (i) each swap advisor engaged or to be engaged by the City will function as the designated qualified investment representative of the City, sometimes referred to as the “Designated QIR”; (ii) each swap advisor agrees to meet and meets the requirements specified in Commodity Futures Trading Commission Regulation 23.450(b)(1) or any successor regulation thereto (herein

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referred to as the “Representative Regulation”); (iii) each swap advisor provide a written certification to the City to the effect that such swap advisor agrees to meet and meets the requirements specified in the Representative Regulation; (iv) the City monitor the performance of each swap advisor consistent with the requirements specified in the Representative Regulation; (v) the City exercise independent judgment in consultation with its swap advisor in evaluating all recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy; and (vi) the City rely on the advice of its swap advisor with respect to transactions authorized pursuant to this Debt Policy and not rely on recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy.

Counter-Party Risk Assessment

The City will only do business with highly rated counter parties or counter parties whose obligations are supported by highly rated parties. The City will structure swap agreements to protect itself from credit deterioration of counter parties, including the use of credit support annexes or other forms of credit enhancement to secure counter party performance. Such protection shall include any terms and conditions which in the City’s sole discretion are necessary or appropriate or in the City’s best interest.

The City shall enter into interest rate swap transactions only with qualified swap counter parties. Qualified swap counter parties are investment banks as will be identified by the Financial Advisor. Qualified swap counter parties should be rated at least “Aa3” or “AA-” by one of the nationally recognized rating agencies (i.e. Moody’s, Standard and Poor’s, and Fitch) and not rated lower than “A2” or “A” by any nationally recognized rating agency. In addition, the counter party must have a demonstrated record of successfully executing swap transactions as well as creating and implementing innovative ideas in the swap market. Each counter party shall have minimum capitalization of at least \$150 million.

The City should not have an immutable credit standard. However, the City will attempt to do business with highly rated counter parties of “Aa3” or “AA-” or better. For lower rated (below “Aa3” or “AA-”) counter parties, the City should seek credit enhancement in the form of:

- A. Contingent credit support or enhancement; or
- B. Collateral consistent with the policies contained herein

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V. SWAP ANALYSIS AND PARTICIPANT REQUIREMENTS

In connection with any swap, the City and its Financial Advisor shall review the proposed transaction and outline any considerations associated with the transaction to the City Council. Such a review should include the following:

- A. The identification of the proposed benefit and potential risks, which shall include, but not necessarily be limited to, those risks outlined herein
- B. Independent analysis of potential savings from a proposed transaction
- C. Fixed versus variable rate and swap exposure before and after the proposed transaction
- D. Market Net Termination Exposure (as outlined herein) for all existing and proposed transactions at the City

Swap Risks

- A. Counter party Risk – The risk of a payment default on a swap by an issuer’s counter party
- B. Termination Risk - The risk that a swap has a negative value and the issuer owes a “breakage” fee if the contract has to be liquidated
- C. Tax Risk – A mismatch between changes in the rate or price on an issuer’s underlying bonds and the swap caused by a reduction or elimination in the benefits of the tax exemption for municipal bonds, e.g. a tax cut, which results in an increase in the ratio of tax-exempt to taxable yields
- D. Basis Risk – A mismatch between the rate on an issuer’s underlying bonds and the rate paid under the swap, e.g. a tax-exempt variable rate issue which trades at 62% of LIBOR while the issuer only receives 60% of LIBOR under the swap
- E. Tax Exemption Risk – The risk that the transaction may make the issuer’s related bonds taxable
- F. Liquidity/Remarketing Risk – The risk that an issuer cannot secure a cost-effective renewal of a Letter or Line of Credit or suffers a failed auction or remarketing with respect to its variable-rate bonds

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Benefit Expectation

Financial transactions, using fixed rate swaps or other derivative products, should generate 2% greater projected savings than the savings guidelines (as described in the “Guidelines for Financing and Selection of the Financing Team”) then in effect for traditional bonds. This threshold will serve as a guideline and will not apply should the transaction, in the City’s sole judgment, help to meet any of the objectives outlined herein. The higher savings target reflects the greater complexity and higher risk of derivative financial instruments. At a minimum, such financial transactions should provide a savings of no less than 5% over refunded par regardless of the spread between the financial transaction and a traditional bond refunding.

For example, assuming a refunding of \$100 million of existing bonds, a traditional fixed rate advance refunding that does not use derivative products would have a present value savings threshold of \$5 million, which is 5% of the refunded par. If the refunding structure utilizes a derivative product, the threshold would be \$7 million in present value savings, 7% of the refunded par. Therefore, the transaction utilizing a swap or other derivative product would have to generate an additional \$2 million to meet the target.

For variable rate or other swap transactions that do not result in a fixed interest rate, the City will evaluate any additional value generated through the transaction in assessing the benefits of proceeding, including the ability to meet the objectives outlined herein. These benefits include, for example, reducing interest rate or tax risk, optimizing the capital structure or further reducing interest expense.

In determining any benefit in implementing a fixed-to-variable swap, the cost of remarketing, in addition to the cost of credit enhancement or liquidity fees must be added to the projected variable rate. Such a calculation should consider the trading performance of comparable bonds and any trading premium resulting from a specific form of credit enhancement or liquidity and/or any impact related to broader industry trends.

VI. LEGAL AND CONTRACTUAL REQUIREMENTS

Unless otherwise approved by Council, the City will use standard ISDA swap documentation including the Schedule to the Master Agreement and a Credit Support Annex. The City may use additional documentation if the product is proprietary or the City deems in its sole discretion that such documentation is otherwise in its interest.

Terms and Notional Amount of Swap Agreement

The City shall determine the appropriate term for an interest rate swap agreement on a case-by-case basis. In connection with the issuance or carrying of bonds, the term of the

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swap agreement between the City and a qualified swap counter party shall not extend beyond the final maturity date of existing debt of the City on the related Project, or in the case of a refunding transaction, beyond the final maturity of the refunding bonds. For purposes of calculating net exposure, credit shall be given to any fixed versus variable rate swaps that offset termination exposure for a specific Project or bond transaction. For variable rate transactions, credit may also be given for any assets that are used to hedge a transaction as long as in the City's judgment such assets are reasonably expected to remain in place on a coterminous basis with the swap.

Terms and conditions of any swap shall be negotiated by the City in the best interests of the City subject to the provisions of the California Government Code and, unless otherwise waived or altered by the City, these guidelines. The swaps between the City and each counter party shall include, as appropriate, payment, term, security, collateral, default, remedy, termination, and other terms, conditions and provisions as the City, in consultation with its Bond Counsel and Financial Advisor, deems necessary or desirable.

Subject to the provisions contained herein, the City swap documentation and terms should include the following:

- A. Downgrade provisions triggering termination shall in no event be worse than those affecting the counter party
- B. Governing law for swaps will be New York law, but should reflect California authorization provisions
- C. The specified indebtedness related to credit events in any swap agreement should be narrowly drafted and refer only to specific Project-project debt
- D. Collateral thresholds should be set on a sliding scale reflective of credit ratings (see Collateral below)
- E. Eligible collateral as set forth in the Collateral section below.
- F. Termination value should be set by "market quotation" methodology, when the City deems appropriate
- G. The City should only agree to an Additional Termination Event for the City to the extent that the ratings on the applicable the City bonds fall below a ratings trigger acceptable to the City and the counter party and no form of credit support or enhancement is in place

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Termination Provision

All swap transactions shall contain provisions granting the City the right to optionally terminate a swap agreement at any time over the term of the agreement. Such a provision shall be required even if any termination is at market. In general, exercising the right to terminate an agreement should produce a benefit to the City, either through the receipt of a payment from a termination or, if the termination payment is made by the City, in conjunction with a conversion to a more beneficial (desirable) debt obligation of the City.

Collateral

As part of any swap agreement, the City shall require collateralization or other forms of credit enhancements to secure any or all swap payment obligations. As appropriate, the City, in consultation with its Bond Counsel and Financial Advisor, may require collateral or other credit enhancement to be posted by each swap counter party under the following circumstances:

- A. Each counter party to the City may be required to post collateral if the credit rating of the counter party or parent falls below the “AAA” category. Additional collateral for further decreases in credit ratings of each counter party shall be posted by each counter party in accordance with the provisions contained in the collateral support agreement to each counter party with the City the City. Maximum un-collateralized exposure for: (i) “AAA” rated counter parties is \$40 million; (ii) “AA” rated counter parties is \$10 million; and (iii) below “AA” category, uncollateralized exposure is zero
- B. Threshold amounts shall be determined by the City on a case-by-case basis. The City will determine the reasonable threshold limits for the initial deposit and for increments of collateral posting thereafter
- C. Collateral shall be deposited with a third party trustee, or as mutually agreed upon between the City and the counter party
- D. A list of acceptable securities that may be posted as collateral and the valuation of such collateral will be determined and mutually agreed upon during negotiation of the swap agreement with each swap counter party. A complete list of acceptable securities and valuation percentages are included as Attachment A
- E. The market value of the collateral shall be determined on at least a monthly basis, or more frequently if the City determines it is in the City’s best interest given the specific collateral security

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- F. It shall be determined on a case-by-case basis whether other forms of credit enhancement are more beneficial to the City

VII. LIMITATIONS ON TERMINATION EXPOSURE

In order to diversify the City's counter party credit risk, and to limit the City's credit exposure to any one counter party, limits will be established for each counter party based upon both the credit rating of the counter party as well as the relative level of risk associated with each existing and projected swap transaction. The guidelines below provide general termination exposure guidelines with respect to whether the City should enter into an additional transaction with an existing counter party. The City Council may make exceptions to the guidelines at any time to the extent that the execution of a swap achieves one or many of the goals outlined in these guidelines or provides other benefits to the City.

Such guidelines will also not mandate or otherwise force automatic termination by the City or the counter party. Maximum Net Termination Exposure is not intended to impose retroactively any terms and conditions on existing transactions. Such provisions will only act as guidelines in making a determination as to whether or not a proposed transaction should be executed given certain levels of existing and projected net termination exposure to a specific counter party. Additionally, the guidelines below are not intended to require retroactively additional collateral posting for existing transactions. Collateral posting guidelines are described in the "Collateral" section above. The calculation of net termination exposure per counter party will take into consideration multiple transactions, some of which may offset the overall exposure to the City.

Maximum Net Termination Exposure will be based on the sum of (i) the market value of existing transactions as of the first day of the month prior to the execution of any new transaction plus (ii) the expected worse case termination value of the new transaction. The maximum termination exposure will also be tied to the credit rating of a counter party and whether or not the counter party has posted collateral against this exposure.

Under this approach, the City will set limits on individual counter party exposure based on existing as well as new or proposed transactions. For existing transactions, exposure will be based on the market value as of the last quarterly swap valuation report provided by the Financial Advisor. For a new or proposed transaction, the City will calculate the projected maximum exposure based on the estimated maximum exposure assuming two standard deviations. Standard deviation is a statistic obtained by squaring the average difference from the mean of a distribution of numbers. Two standard deviations capture 95% of the population of a distribution of numbers. For purposes of the calculation, two standard deviations shall be calculated as the annualized standard deviation of weekly swap rates over the preceding 52 weeks. The time period may vary according to market conditions which could range from flat to volatile.

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The sum of the existing market value and the projected maximum exposure shall constitute the Maximum Net Termination Exposure. For purposes of this calculation, the City shall include all existing and projected transactions of an individual counter party and all transactions will be analyzed in aggregate such that the maximum exposure will be additive and netted on a per Project-project basis. The rationale behind aggregating and netting on a Project basis is that the exposure will vary for individual members depending on their participation in different Projectsprojects.

For example, if the City has \$13 million (i.e. the City would owe termination payment) of exposure to a counter party, the Maximum Net Termination Exposure under the definition above, is the projected maximum termination exposure less the outstanding exposure. If projected maximum termination exposure on the proposed transaction, assuming two standard deviations, is \$20 million, net termination exposure would be \$7 million.

The exposure thresholds, which will be reviewed periodically to ensure that they remain appropriate, will also be tied to credit ratings of the counter parties and whether or not collateral has been posted. If collateral has been posted, the City cannot exceed \$30.0 million of collateralized exposure. In addition, there would be a further limit on the amount of uncollateralized exposure, including any threshold amounts under the Credit Support Annex. For AAA-rated counter parties, the City could have up to \$40.0 million of uncollateralized exposure; for counter parties in the AA category, the City could have up to \$10.0 million of uncollateralized exposure and for counter parties below the AA category, the City could have no uncollateralized exposure. If a counter party has more than one rating, the lowest rating will govern for purposes of the calculating the level of exposure. A summary table is provided below.

Credit Ratings	Maximum Collateralized Exposure	Maximum Uncollateralized Exposure	Maximum Total Termination Exposure
AAA	NA	\$40 million	\$40 million
AA Category	\$30 million	\$10 million	\$40 million
Below AA	\$30 million	None	\$30 million

Assuming the same example as above, if the counter party is currently rated “Aa2” and “AA+,” the exposure thresholds would only take effect if Net Termination Exposure increased an additional \$3 million (from the original \$7 million above).

If the exposure limit is exceeded by a counter party, the City shall conduct a review of the exposure limit per counter party. The City, in consultation with its Bond Counsel and Financial Advisor, shall explore remedial strategies to mitigate this exposure.

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VIII. ONGOING MANAGEMENT

The City will seek to maximize the benefits and minimize the risks it carries by actively managing its swap program. This will entail frequent monitoring of market conditions, by both the Financial Advisor and swap counter party, for emergent opportunities and risks. Active management may require modifications of existing positions including, for example:

- A. Early termination;
- B. Shortening or lengthening the term;
- C. Sale or purchase of options; or
- D. Use of basis swaps.

On an overall basis, the City's swap program is not expected to be very large relative to all of its investment and debt activities. Swaps will be used in response to particular market conditions and needs of the City for which swaps are the best investment or debt-management option.

IX. ONGOING REPORTING REQUIREMENTS

A written report providing the status of all interest rate swap agreements entered into by the City will be provided to the City Council on an annual basis (or other basis, if so directed by Council) and shall include the following:

- A. A description of all outstanding interest rate swap agreements, including Project project and bonds series, type of swap, rates paid and received by the City, total notional amount, average life of each swap agreement, remaining term of each swap agreement
- B. Highlights of all material changes to swap agreements or new swap agreements entered into by the City since the last report
- C. Termination exposure of each of the City's interest rate swap agreements
- D. The credit rating of each swap counter party and credit enhancer insuring swap payments, if any
- E. If applicable, information concerning any default by a swap counter party to the City, including but not limited to the financial impact to the City, if any
- F. If applicable, information concerning any default by the City to a swap counter party

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- G. A summary of swap agreements that were terminated or that have expired
- H. For a swap transaction entered into to generate debt service savings, the City will calculate on an annual basis the actual debt service requirements versus the projected debt service on the swap transaction at the original time of execution. Such a calculation shall include a determination of the cumulative actual savings (or, if applicable, additional payments made by the City) versus the projected savings at the time the swap was executed.

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Attachment A – Acceptable Collateral

Security	Valuation Percentage
Cash	100%
Negotiable debt obligations issued by the U.S. Treasury Department or the Government National Mortgage Association (“Ginnie Mae”), or (y) mortgage backed securities issued by Ginnie Mae (but with respect to either (x) or (y) excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service) and in each case having a remaining maturity of: (i) less than one year (ii) one year or greater but less than 10 years (iii) 10 years or greater	100% 98% 95%
Negotiable debt obligations issued by the Federal Home Loan Mortgage Corporation (“Freddie Mac”) or the Federal Home Loan Mortgage Association (“Fannie Mae”) or (y) mortgage backed securities issued by Freddie Mac or Fannie Mae but excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service	95%
Any other collateral acceptable to the City in its sole discretion. The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion	The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion.

For example, if a counter party is required to post \$1 million of collateral and wished to use bonds issued by Ginnie Mae with five years remaining to maturity, it would be required to post \$1,020,409 (\$1 million/0.98) to satisfy the collateral requirement.

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City of Roseville
General Fund Reserves Policy

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I. INTRODUCTION

The purpose of this policy is to establish targeted levels of General Fund reserves, a basic component of a financially strong city. Adequate reserves help sustain City operations when adverse or unexpected circumstances affect the City, providing resources to minimize service disruption in the event of temporary revenue shortfalls, declared disasters, or unpredicted one-time expenditures. This policy establishes the amounts the City will strive to maintain in the Emergency Reserve, Stabilization Reserve, and Litigation Reserve, and the conditions under which the reserves may be used.

II. BACKGROUND

Financial reserves strengthen the City's financial status and provide valuable resources for managing through economic cycles and addressing unexpected events. Every fund of the City represents a stand-alone financial set of accounts and has its own operating characteristics, financial capabilities, and constraints. The level of reserves needed should be based on the financial and operating characteristics of each fund.

According to the Government Finance Officers Association (GFOA), it is essential that governments maintain adequate levels of fund balance to mitigate current and future risks (e.g., revenue shortfalls and unanticipated expenditures) in order to protect taxpayers and employees from unexpected changes in financial conditions. GFOA recommends, at a minimum, that general-purpose governments, regardless of size, maintain an unrestricted budgetary fund balance in their General Fund of no less than two months of regular general fund operating revenues or regular General Fund operating expenditures (an amount equivalent to 16.67% of the annual budget).

This policy establishes three months of operating costs (25% of annual budgeted General Fund operating costs) as the City's target level of reserves. This targeted level of reserves consists of the City's Emergency Reserve (10% of annual budgeted General Fund operating costs) and the City's Stabilization Reserve (15% of annual budgeted General Fund operating costs). This policy also establishes \$250,000 as the minimum level in the City's Litigation Reserve. The policy also outlines the methods the City will utilize to achieve the target reserve levels, defines the conditions under which these funds can be used and describes how the City's expenditure and/or revenue levels will be adjusted to match any new economic realities that are causing the use of fund balance reserves as a financing bridge.

III. POLICY

A. Minimum and Target Reserve Levels

The City will maintain an Emergency Reserve at a minimum of 10% of budgeted General Fund operating expenditures. Because the City relies on property tax

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and sales tax revenue to support over two-thirds of the City's General Fund budget and the negative effects on property and sales tax revenue can be significant during economic downturns, the City will seek to build up and maintain a General Fund Stabilization Reserve equal to 15% of budgeted General Fund operating expenditures as the target reserve level. The Emergency Reserve and Stabilization Reserve shall be reported as commitments of fund balance in the General Fund for external financial reporting. Appropriations from the Emergency Reserve may only be made by a vote of the City Council to meet a critical, unpredictable financial need such as a declared emergency. Appropriations from the Stabilization Reserve may only be made by a vote of the City Council in the event of temporary revenue shortfalls caused by an economic downturn.

B. Methods to Achieve Funding Levels

Funding of the General Fund Reserves will generally come from the adopted budget, year-end excess revenues over expenditures or anticipated one-time revenues. At a minimum, during the budget process, staff shall review the current and five-year projected reserves to ensure that they are appropriate given the economic and financial risk factors the City faces.

C. Criteria for Expenditure of Reserve Funds

The Reserve Funds shall not normally be applied to recurring annual operating expenditures. Appropriation from the Emergency Reserve and Stabilization Reserve Funds requires approval of at least four City Council members. The Litigation Reserve is appropriated annually in the adopted budget.

1. Emergency Reserve

The Emergency Reserve may be used to contend with significant short-term issues such as declared emergencies. It is the intent of the Council to limit use of the Emergency Reserve to addressing unanticipated, nonrecurring needs.

2. Stabilization Reserve

The Stabilization Reserve may be used strategically to allow time for the City to restructure its operation in a deliberate manner as required in an economic downturn while minimizing service disruption. Use of the Stabilization Reserve will only take place in the context of a Council-adopted long-term plan. The Stabilization Reserve is intended to be used to address significant revenue shortfalls that occur during an economic

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downturn until the City's operating expenditure and revenue levels are adjusted to eliminate structural deficits.

3. Litigation Reserve

The Litigation Reserve may be used for legal matters that are unforeseen and/or unusual in nature and, as a result, typically require reactive measures such as seeking a budget adjustment and a funding source. Some examples are contract disputes, municipal code enforcement, and other public safety enforcement matters. The purpose of this reserve is to address these situations by allowing for proactive handling and funding of such matters.

D. Timeline for Replenishment of the General Fund Reserves

If the General Fund Reserves are drawn down below the minimum levels, a plan will be developed and implemented to replenish the reserves. Replenishing the reserves will be a priority use of one-time resources. Generally, the City should seek to replenish the Emergency Reserve and the Litigation Reserve within one year and the Stabilization Reserve to the minimum reserve level within three years.

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**City of Roseville
Capital Improvement Program Rehabilitation
Funding Policy**

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I. INTRODUCTION

The City has significant investments in facilities, equipment, software, vehicles, and other assets which require ongoing maintenance and eventual replacement. The CIP Rehabilitation funds, i.e. the General CIP Rehabilitation Fund; the Parks, Recreation and Library Capital Fund; and the Information Technology Replacement Fund, are used to fund infrastructure needs for City buildings, information technology capital replacement, and parks, recreation and library facilities.

II. BACKGROUND

The City performed a thorough analysis of all City assets in 2012 and developed 10-Year Rehabilitation/Replacement plans. The 10-year plans reflected an annual General Fund funding requirement of \$5.6 million, however the actual amount budgeted in FY2017-18 was \$1.5 million leaving an annual gap of approximately \$4 million

The City performs an annual review of the 10-year plans to develop CIP Rehabilitation budget recommendations for the City Manager that includes a prioritized list of capital projects that can be recommended for funding or deferral in conjunction with the adoption of the City's CIP Rehabilitation budget.

The expectation is that the annual average demand will continue to trend upward based on projects being deferred and new replacement costs.

Addressing these infrastructure needs has been a stated priority of the City Council and was reaffirmed at the City Council meeting on February 7, 2018.

III. POLICY

On an annual basis during each budget process, and until the annual required funding level is attained, the General Fund contribution to the CIP Rehabilitation funds shall increase by \$500,000.

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City of Roseville
Pension Funding Policy

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I. PURPOSE

The City's Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants. The policy also:

- Provides guidance in making annual budget decisions;
- Demonstrates prudent financial management practices;
- Reassures bond rating agencies; and
- Shows employees and the public how pensions will be funded.

II. BACKGROUND

The City provides defined benefit retirement benefits through the California Public Employees' Retirement System (CalPERS). CalPERS is a multiple-employer public employee defined benefit pension plan.

All full-time and certain part-time City employees are eligible to participate in CalPERS. CalPERS provides retirement and disability benefits, annual cost of living adjustments and death benefits to plan members and their beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute.

The financial objective of a defined benefit pension plan is to fund the long-term cost of benefits provided to the plan participants. In order to assure that the plan is financially sustainable, the plan should accumulate adequate resources in a systematic and disciplined manner over the active service life of benefitting employees. This funding policy outlines the method the City will utilize to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants.

Pension Funding: A Guide for Elected Officials, issued by eleven national groups including the U.S. Conference of Mayors, the International City/County Management Association, and the Government Finance Officers Association, established the following five general policy objectives for a pension funding policy:

- Actuarially Determined Contributions. A pension funding plan should be based upon an actuarially determined contribution (ADC) that incorporates both the cost of benefits in the current year and the amortization of the plan's unfunded actuarial accrued liability.

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- Funding Discipline. A commitment to make timely, actuarially determined contributions to the retirement system is needed to ensure that sufficient assets are available for all current and future retirees.
- Intergenerational equity. Annual contributions should be reasonably related to the expected and actual cost of each year of service so that the cost of employee benefits is paid by the generation of taxpayers who receives services from those employees.
- Contributions as a stable percentage of payroll. Contributions should be managed so that employer costs remain consistent as a percentage of payroll over time.
- Accountability and transparency. Clear reporting of pension funding should include an assessment of whether, how, and when the plan sponsor will ensure sufficient assets are available for all current and future retirees.

III. POLICY

A. Actuarially Determine Contribution (ADC)

CalPERS actuaries will determine the City's ADC to CalPERS based on annual actuarial valuations. The ADC will include the normal cost for current service and amortization of any under-funded amount. The normal cost will be calculated using the entry age normal cost method using economic and non-economic assumptions approved by the CalPERS Board of Administration.

The City will review the CalPERS annual actuarial valuations to validate the completeness and accuracy of the member census data and the reasonableness of the actuarial assumptions.

B. Additional Discretionary Payment (ADP) Contribution

The City will consider making ADP contributions with one-time General Fund resources, with the objectives of increasing the plan's funded status, by reducing the unfunded actuarially accrued liability, and reducing ongoing pension costs.

C. Transparency and Reporting

Funding of the City's pension plans should be transparent to vested parties including plan participants, annuitants, the City Council and Roseville residents. In order to achieve this transparency, the following information shall be available:

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- Copies of the annual actuarial valuations for the City's CalPERS plans shall be made available to the City Council.
- The City's Comprehensive Annual Financial Report shall be published on its website. This report includes information on the City's annual contributions to the pension systems and their funded status.
- The City's annual operating budget shall include the City's contributions to CalPERS.

D. Review of Funding Policy

Funding a defined benefit pension plan requires a long-term horizon. As such, the City will review this policy at least every five years to determine if changes to this policy are needed to ensure adequate resources are being accumulated.

City of Roseville
Other Post-Employment Benefits (OPEB) Funding Policy

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I. INTRODUCTION

The purpose of this Funding Policy is to state the overall funding goals for the City of Roseville OPEB Trust. The objective is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. In meeting this objective, the City will strive to meet the following funding goals:

- A. The City plans to continue to fund retiree medical benefits from operations until such a time as those expenses exceed the City's Actuarially Determined Contribution (ADC). At that time withdrawals from the OPEB Trust will be necessary.
- B. The City intends and plans to ultimately achieve full funding of its actuarially determined OPEB contributions by making increasing contributions to the OPEB trust, to the extent feasible, in the context of other competing demands for public services and employee compensation.
- C. Nothing in this funding policy shall constitute an obligation upon the City, nor an implied contract. The City Council may revoke or amend this policy in the best interests of the City.
- D. Funding of the OPEB Trust does not change the City's obligation or intent to fully pay annual medical costs for retirees.

II. BACKGROUND

The City of Roseville has provided a retiree health benefit to its employees for many years. As a cost reduction strategy, this benefit was eliminated for all bargaining unit employees classified as Tier III. Although eliminated for new employees, this benefit still remains in effect for the majority of the City's employees and must be addressed during the annual budget process.

In an effort to address the long term costs of this expense, a trust was created to begin funding this benefit. The process currently in place is to fund all actual retiree expenses incurred in the current year on a pay-as-you-go basis and make additional contributions to the trust fund.

III. POLICY

The City will engage an OPEB actuary to determine the City's ADC based on biennial actuarial valuations. The ADC will include the normal cost for current service and amortization of the under-funded liability. The normal cost is the current year cost of the program to provide the benefit for current employees in the future. The normal cost

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will be calculated using the entry age normal cost method using appropriate economic and non-economic assumptions approved by the City.

The City will review the actuarial valuations to validate the completeness and accuracy of the employee census data and the reasonableness of the actuarial assumptions. Actuarial valuations involve estimates and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

The OPEB Funding Policy is comprised on two components. The first component is calculated as a percentage of total salary for the City. Currently the City funds 6% of salary in the General Fund. The policy requires an increase of 1 percentage point each year until the full actuarially determined contribution is attained.

The second component is calculated as a percentage of one-time monies that may or may not be available at each year end. The actual dollar amount of available one-time funds will be presented to Council with a recommendation as to how much is being recommended for contribution to the trust fund. This recommendation will be based on the dollars available, other competing priorities and Council input.

The City will continue to appropriate in the annual budget for the pay-as-you-go costs of OPEB for current retirees and contributions to the OPEB Trust. On an annual basis during each budget process, and until the full annual required contribution is accomplished, the percentage of salary costs to be deposited into the trust shall increase by 1 percentage point. In addition, a portion of any one-time monies remaining at the end of each fiscal year may be deposited into the trust, which amount will be determined by council based on available funds and other priorities.

Funding OPEB requires a long-term horizon. The City will review this policy at a minimum biennially, coincident with preparation of the actuarial valuations, to determine if changes to this policy are necessary to ensure adequate resources are being accumulated to fund OPEB benefits.

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**City of Roseville
Workers' Compensation and General Liability
Funding Policy**

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I. INTRODUCTION

The Workers' Compensation and General Liability Funding Policy documents the City's approach to providing adequate financial resources to fund the City's Workers' Compensation and General Liability Programs and establishing and maintaining adequate reserves in the Workers' Compensation and General Liability Internal Service Funds.

II. BACKGROUND

The City is self-insured for workers' compensation and for general liability. The Workers' Compensation and General Liability and Programs charge City departments and funds for the costs of providing for claims, as well as for the cost of administering the claims.

III. POLICY

In order to methodically and consistently measure the City's projected claims, the City will contract with a professional outside actuary to prepare annual actuarial valuation reports for both categories of claims. Program funding will be based on the annual actuarial valuation reports.

The City's funding policy will provide program funding at the 75% confidence level, including recognition of anticipated investment income. Confidence level is used by actuaries to determine the realistic possibilities that a given funding rate will be sufficient to cover all claims that might be incurred in any one program year. A 75% confidence level indicates that the funding rate should be adequate 75% of the time.

If either program maintains a balance above the minimum funding requirement, the excess reserves will be used to subsidize City contributions over a 1-5 year period depending upon the amount of the excess and the City's economic condition.

If either program has excess claims requiring additional contributions to the fund, the City will increase contributions over a 1-3 year period depending on the amount of the shortfall and the City's economic condition to get to the minimum funding requirement.

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City of Roseville
Interfund Loans Policy

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I. PURPOSE

The City's Interfund Loan Policy documents the methods used by the City to demonstrate prudent financial management over interfund loans. The policy:

- Requires City Council approval of interfund loans, except for short-term working capital loans,
- Permits short-term interfund loans for working capital to cover Council-approved reimbursable grants and projects and other temporary timing differences in cash flows, and
- Prohibits interfund loans from being used to solve ongoing structural budget issues or hindering the accomplishment of any function or project for which the lending fund was established.

II. BACKGROUND

Interfund loans are the lending of cash from one City fund to another for a specific purpose and with a requirement for repayment. The practice of interfund loans is a recognized and necessary aspect of municipal finance. Such loans are typically short-term in nature, and constitute the allocation of resources between individual funds for working capital purposes.

III. POLICY

A. Long-term Loans

Interfund loans, other than short-term working capital loans, must be approved by the City Council. Council approval will include the following terms of the loan:

- Purpose of Interfund Loan
- Identification of the source fund
- Availability of unrestricted funds in the source fund
- Review of multi-year plans for use of source fund cash
- Analysis of legal or contractual restrictions
- Repayment of Interfund Loan
- Repayment must have a payment source and funding stream

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- Specific repayment schedule
- Interest imposed at a rate equal to at least investment earnings if loan did not occur
- Other Considerations
- Feasibility of repayment
- Internal controls to monitor repayment

B. Short-term Loans

Short-term interfund loans for working capital to provide cash for Council-approved reimbursable grants and projects, are permitted. Short-term working capital loans are also permitted for temporary timing differences in cash flows when expenditures are incurred before revenue is collected. The source funds for working capital interfund loans are the General Fund and the Automotive Replacement Fund.

C. Prohibited Uses

- Interfund loans will not be used to solve ongoing structural budget issues.
- Interfund loans will not hinder the accomplishment of any function or project for which the lending fund was established.

City of Roseville Request for Proposals (RFP) Policy

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I. INTRODUCTION

The purpose of this policy is to provide a uniform process for the issuance, evaluation, and selection of competitive proposals for services and/or customized goods.

II. DEFINITION

Request for Proposals (“RFP”) is a competitive proposal process whereby the City solicits proposals from potential proposers. The RFP process is used for requirements in which the desired outcome is known, but it is difficult to define the methodology or the exact materials or services required to achieve the desired results.

Objectives of the RFP process are to:

- A. Describe the City’s requirements and desired outcomes within a written specification;
- B. Solicit proposers for their proposed solutions;
- C. Describe key criteria to be used in the evaluation of proposals;
- D. Outline the terms and conditions under which the proposer(s) will operate or supply goods and/or services.

The City should use its best efforts to ensure that any RFP is as complete and thorough as possible, however should the scope of work or services of any RFP increase by twenty-five percent (25%) or more after publishing the RFP, that RFP should be withdrawn and any proposals rejected and a new RFP should be issued that includes the increased scope of work or services.

III. USE OF AN RFP

- A. Contracts for goods or services with an estimated value greater than the amount stated in Roseville Municipal Code (“RMC”) Sections 4.12.090 and 4.12.095 must be awarded by the use of competitive bids or an RFP, unless exempted by the City Council or law. Contracts for goods or services estimated to be equal or less than the amount stated in RMC Sections 4.12.090 and 4.12.095 may be awarded upon conclusion of informal interviews by representatives of the initiating department and other City staff, including the Purchasing Division (“Purchasing”), or by an RFP, as may be appropriate.
- B. Notwithstanding the foregoing, qualifying goods or services may be procured without issuing a RFP. A qualifying good or service is one where there is only a single source for obtaining the particular good and/or service. Examples of sole

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source goods or services include, but are not limited to, patented, copyrighted, licensed items, specialized test equipment/facilities, critical schedule requirements, unique services, and standardized goods or services for which there is only a single source. Prior to contracting with a sole source, the initiating department shall complete the sole source authorization form. Furthermore, with respect to professional services with an estimated amount exceeding the amount stated in RMC Sections 4.12.090 and 4.12.095, such services may not be procured through sole source without the prior authorization of the City Manager and City Attorney.

IV. PUBLIC NOTICE

Public notice of the RFPs shall be given in the same manner as provided in RMC Section 4.12.090.

The originating department ("Department") should also generate a list of potential proposers to notify and direct them to the RFP section of the City's website to access the RFP.

V. FORM OF PROPOSAL

- A. City staff must use the City's latest version of the RFP template for the initial framework of the document and the City's Purchasing Guidelines should also be referred to. The RFP content should define the Department's needs and describe the scope of the work, allowing the potential proposer to develop the project details.
- B. Late proposals shall not be accepted, however staff may extend the time for submission of all proposals.
- C. Each proposal must be signed by an authorized representative of the proposer and include the legal name of the proposing organization and the signer's title. By signing the proposal it is presumed that the signer has authority to bind the proposer to the proposal's terms.
- D. RFPs are scored based on the criteria presented in the RFP. Proposers may propose any method or process to satisfy the scope of work in the RFP that maximizes responsiveness to the criteria stated in the RFP.

VI. EVALUATION FACTORS

Award of a RFP shall be made to the responsible proposer whose proposal is determined, through a formal evaluation panel process, to be the most advantageous to the City after the evaluation panel has taken into consideration the evaluation factors

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set forth in the RFP. A master averaged score sheet shall be created based on the evaluation panel's initial evaluation. Proposals shall be scored according to the criteria stated in the RFP.

Proposals submitted will be reviewed by an evaluation panel. Members of the evaluation panel shall be comprised of City staff and at the option of City may include non-City staff upon approval of the City Manager and City Attorney. After the initial evaluation, proposers that have submitted the best and most complete proposals may be invited to one or more interviews. The number of proposers invited to an interview may vary depending upon the number of proposals submitted.

The RFP may indicate the relative importance of evaluation factors. The following are representative evaluation criteria that may be considered by the Department when preparing a RFP:

- A. Reputation and Experience. Does the proposer have a reputation of being reliable, delivering on schedule, and performing tasks to the satisfaction of his/her clients? Does the proposer have sufficient experience in the kind of work required?
- B. Capability and Availability of Staff. Does the proposer have qualified and experienced staff needed to perform the work?
- C. Understanding of the Problem. Does the proposer demonstrate a thorough understanding of the issues and has it developed a relevant and effective approach?
- D. Proximity of the Proposer. Although no preference shall be given to local businesses, proposer's office and/or staff proximity to City of Roseville offices or work location as it relates to the proposer's ability to be responsive to the project requirements may be considered.
- E. Cost. Whenever possible and appropriate, a proposer's fee or hourly rate should be secured as part of the proposal and considered in the evaluation process. Whenever possible, RFPs should specify methods of submitting proposed costs that can be compared directly with competing proposals.

The City reserves the right to make a selection without interviews; therefore, the proposal should be submitted on the most favorable terms that the proposer might propose.

Should the City elect to conduct interviews with any proposers, the following criteria shall be considered and each proposer ranked by the evaluation panel during the interview process:

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- Quality of presentation
- Ability to meet the City's business goals
- Communication style

A contract will be negotiated with the proposer considered best meeting the City's need for the project. In the event a mutually satisfactory contract cannot be negotiated with the City's first choice, negotiations may be terminated and commenced with the proposer considered next best in meeting the City's needs for the particular project.

The selected proposer will be required to execute a City prepared contract. The contract may further refine the scope of services and will provide for the terms and conditions of employment.

Evaluation Score Sheets. Upon a request pursuant to section 1.8 below, a proposer is entitled to a master averaged score sheet that reflects the averaged evaluation scores of the proposers during the evaluation panel's initial evaluation and the ranking of proposers from any interview (individual score sheets and/or notes are temporary and are not retained following a determination of the evaluation panel). The master score sheet and ranking shall be prepared by City staff prior to notifying any proposers of the results.

VII. DISCUSSIONS WITH PROPOSERS AND REVISIONS TO PROPOSALS

- A. As provided in the RFP, discussions may be conducted with responsible proposers. These discussions shall be for the purpose of clarification to assure full understanding of, and responsiveness to the solicitation requirements. The proposers shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals, and such revisions may be permitted prior to the evaluation panel's determination of the award recommendation for the purpose of obtaining best and final proposals. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing proposers.
- B. After the evaluation panel has determined the proposer(s) to be recommended for award, the Department may enter negotiations with the recommended proposer(s) to finalize proposed services and price before the evaluation panel's formal notice of intent to award is made.

VIII. AWARD PROCESS

- A. The award is made to the proposer(s) that is determined to best meet the overall needs of the City. For contracts for goods or services with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095, the

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award of such contract is expressly contingent upon City Council approval and the availability of funds. City staff may not legally bind the City to a contract with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095.

- B. Rejection of RFP. The City reserves the right to reject any or all proposals, to waive defects or irregularities in any proposal or in the RFP process, and to offer to negotiate or contract with any proposer(s) in response to any RFP. RFPs do not constitute any form of offer to contract.
- C. Multiple Award. The City reserves the right to award the contract to multiple proposers when applicable.
- D. A formal notice of the intent to award to the recommended proposer(s) shall be made by the Department.

IX. PUBLIC DISCLOSURE

In accordance with the California Public Records Act, proposals submitted in response to a RFP, master averaged score sheets from the initial evaluation, and/or rankings from any interview shall be made available upon a public records request only after: (1) the proposal evaluation process is complete, (2) a contract has been negotiated, and (3) notice of intent to award has been made and/or the contract is placed on a City Council meeting agenda.

X. PROTESTS

A. Protest Requirements

1. Any proposer who is aggrieved in connection with the solicitation or award of a contract may file a protest with the City Clerk's office. The protest must be received in writing by the City Clerk's office within seven (7) calendar days after such aggrieved proposer 1) knows or should have known of the facts giving rise thereto or 2) the date of the notice of intent to award, whichever is sooner. In no event shall a protest be allowed after an award has been made by City Council. If the seventh calendar day falls on a weekend or City holiday, the protesting party may submit the protest prior to close of business on the first business day following such weekend or holiday. Failure to submit a timely protest shall bar consideration of a protest.
2. RFPs must include a notification to prospective proposers of this protest policy.

Field Code Changed

3. Departments must notify and consult with Purchasing and the City Attorney's Office immediately upon becoming aware of any potential or actual protest. In the event of a proper protest, the RFP process shall be stayed pursuant to Section X (D) of this Policy.

B. Grounds for Protest

1. The alleged grounds for protest shall be limited to the following: (a) computation errors, (b) violations of local, state, or federal law, or (c) the City failed to follow the procedures specified in this Policy.
2. The protest shall state all grounds claimed for the protest and include supporting documentation. Failure to clearly state the grounds for the protest and provide supporting documentation shall be deemed a waiver of all protest rights.

C. Administrative Review

Upon receipt of the protest in accordance with Section X (A), and after determining the protest was properly filed, the Department Director shall provide a copy of the protest to other proposers who might become aggrieved as a result of the protest and issue a written decision within fourteen (14) calendar days after receipt of the protest. The protest will be evaluated by the Department Director, the City Attorney's Office, and the Purchasing Manager. The protesting proposer shall promptly provide any information requested by City staff as part of such investigation. The decision shall either deny or uphold the protest and include reasons for the decision. The written decision shall be final.

D. Stay of Action during a Protest

In the event a protest is filed under Section X, the City shall not proceed further with the award of the contract until the protest is resolved, unless:

1. The ~~Director of Finance~~City Manager or designee makes a determination that the award of the contract without delay is necessary to protect a substantial interest of the City, or
2. The City decides to reject all proposals and issue a new RFP.

Field Code Changed

City of Roseville Financial Policies



Effective July 1, 2019

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City of Roseville Investment Policy

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I. INTRODUCTION

The purpose of this document is to identify various policies and procedures that enhance opportunities for a prudent and systematic investment policy and to organize and formalize investment-related activities.

The investment policies and practices of the City of Roseville (City) are based on state law and prudent money management. All funds will be invested in accordance with this investment policy and Article 2 of Chapter 4 of the California Government Code. This policy is in compliance with the provisions of the California Government Code, Sections 53600 through 53659, and the authority governing investments for municipal governments.

II. SCOPE

The investment policy applies to all financial assets of the City as accounted for in the Comprehensive Annual Financial Report (CAFR). Policy statements outlined in this document focus on the City's pooled funds, but will also apply to all other funds under the City's Chief Financial Officer's span of control unless specifically exempted by statute or ordinance.

Proceeds of debt issuance shall be invested in accordance with the permitted investment provisions of their specific bond indentures. If, in the opinion of the City's Chief Financial Officer, matching the segregated investment portfolio of the bond reserve fund with the maturity schedule of an individual bond issue is prudent given current economic analysis, the investment policy authorizes beyond the five year maturity limitation as outlined in this document. The intent to invest in securities with longer maturities shall be disclosed in the permitted investment language authorized by the City Council in an indenture of trust.

The policy does not cover funds held by the Public Employees Retirement System nor funds of the Deferred Compensation program or the Other Post Employment Benefit Trust.

III. PRUDENCE

The standard of care to be used by investment officials shall be the "prudent investor" standard and shall be applied in the context of managing an overall portfolio. The "prudent investor" standard states that:

When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

IV. OBJECTIVES

The primary objectives, in priority order, of the investment activities of the City shall be:

A. Safety

Safety of principal is the foremost objective of the investment program. City investments shall be undertaken in a manner that seeks to ensure preservation of Capital in the portfolio. To further achieve the safety objective, the amount invested in all investment categories is limited to a percentage of the portfolio as defined in the section "VIII. PERMITTED INVESTMENT INSTRUMENTS".

B. Liquidity

The investment portfolio of the City will remain sufficiently liquid to enable the City to meet its cash flow requirements.

C. Return on Investment

The investment portfolio of the City shall be designed with the objective of attaining a market rate of return on its investments consistent with the constraints imposed by its safety objective and cash flow considerations.

V. DELEGATION OF AUTHORITY

The City Council hereby delegates management responsibility of the investment program to the Chief Financial Officer. The Chief Financial Officer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. The Chief Financial Officer may delegate investment

decision making and execution to the Controller in absence of the Chief Financial Officer. No person may engage in an investment transaction except as provided under the limits of this policy unless specifically exempted by statute or ordinance.

VI. ETHICS AND CONFLICT OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program, or which could impair their ability to make impartial decisions.

VII. AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

The Chief Financial Officer and/or his/her designee will maintain a list of approved financial institutions authorized to provide investment services to the City in the State of California. These may include “primary” dealers or regional dealers that qualify under Securities & Exchange Commission Rule 15C3-1. A determination should be made to insure that all approved broker/dealer firms, and individuals covering the public agency, are reputable and trustworthy. In addition, the broker/dealer firms should have the ability to meet all of their financial obligations in dealing with the Public Agency. The firms, and individuals covering the agency, should be knowledgeable and experienced in Public Agency investing and the investment products involved. No public deposit shall be made except in a qualified public depository as established by the established state laws. All financial institutions and broker/dealers who desire to conduct investment transactions with the public agency must supply the Chief Financial Officer with a completed broker/dealer questionnaire and certification of having read the City’s investment policy. In addition, broker/dealers must certify annually of having read the City’s investment policy.

VIII. PERMITTED INVESTMENT INSTRUCTIONS

The City shall limit investments in any one non-government issuer, except investment pools, to no more than 5% regardless of security type.

- A. **U.S. Treasury obligations** for which the full faith and credit of the United States are pledged for the payment of principal and interest. Up to 100% of the City’s investment portfolio may be invested in government obligations.
- B. **Federal agency or United States government-sponsored enterprise obligations**, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. This shall include any mortgage pass through security issued and guaranteed by a Federal Agency with a maximum final maturity of five years. Purchase of Federal Agency issued mortgage-backed

securities authorized by this subdivision may not exceed 20% of the City's surplus money; all other investments in Federal Agency securities are unrestricted.

- C. **Obligations of the State of California or any local agency within the state**, including bonds payable solely out of revenues from a revenue producing property owned, controlled or operated by the state or any local agency or by a department, board, agency or authority of the state or any local agency, provided that the obligations are rated in one of the two highest categories by a nationally recognized statistical-rating organization (NRSRO). Up to 100% of the City's investment portfolio may be invested in California municipal obligations.
- D. **Registered treasury notes or bonds of any of the other 49 states** in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of these states.
- E. **Repurchase Agreements** used solely as short-term investments not to exceed 30 days. Up to 100% of the City's investment portfolio may be invested in repurchase agreements.

The following collateral restrictions will be observed:

- 1. Only U.S. Treasury securities or Federal Agency securities, as described in section VIII. PERMITTED INVESTMENT INSTRUMENTS, paragraph (A) and (B) will be acceptable collateral. All securities underlying Repurchase Agreements must be delivered to the City's custodian bank by book entry, physical delivery, or by a third party custodial agreement. The total of all collateral for each Repurchase Agreement must equal or exceed, on the basis of market value, 102% of the funds borrowed against those securities. For any Repurchase Agreement with a term of more than one day, the value of the underlying securities must be reviewed on a weekly basis and the value of the underlying securities brought back up to 102% no later than the next business day.
- 2. Market value must be calculated each time there is a substitution of collateral.
- 3. The City or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to Repurchase Agreement.
- 4. The City may enter into Repurchase Agreements only with primary dealers of the Federal Reserve Bank of New York.

5. The City will have specific written agreements with each firm with which it enters into Repurchase Agreements.

6. Reverse repurchase agreements will not be allowed.

F. **Banker's Acceptances**, otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank.

Purchases of Banker's Acceptances may not exceed 180 days maturity or 40% of the City's investment portfolio.

G. **Commercial paper** of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in section "VIII. PERMITTED INVESTMENT INSTRUMENTS", paragraph (G1) or (G2).

1. The entity meets the following criteria:

- a. Is organized and operating in the United States as a general corporation.
- b. Has total assets in excess of five hundred million dollars (\$500,000,000).
- c. Has debt other than commercial paper, if any, that is rated "A" or higher by a NRSRO.

2. The entity meets the following criteria:

- a. Is organized within the United States as a special purpose corporation, trust, or limited liability company.
- b. Has program wide credit enhancements including, but not limited to, over collateralizations, letters of credit, or surety bond.
- c. Has commercial paper that is rated "A-1" or higher, or the equivalent, by a NRSRO.

Purchases of eligible commercial paper may not exceed 270 days maturity nor represent more than 10% of the outstanding paper of an issuing corporation.

Purchases of commercial paper may not exceed 25% of the City's investment portfolio.

- H. **Medium-term corporate notes** issued by corporations organized and operating within the United States or by depository institutions licensed by the U.S. or any state and operating within the U.S. Medium-term corporate notes shall be rated in a rating category "A" or its equivalent or better by a nationally recognized rating service.

Purchase of medium-term corporate notes may not exceed 30% of the City's investment portfolio.

- I. **FDIC insured or fully collateralized time certificates of deposit.** Purchases of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

- J. **Negotiable certificates of deposit or deposit notes** issued by a nationally or state-chartered bank, a state or federal savings and loan association, a state or federal credit union, or a federally-licensed or state-licensed branch of a foreign bank provided that the senior debt obligations of the issuing institution are rated "A" or better by an NRSRO.

The legislative body of a local agency and the treasurer or other official of the local agency having legal custody of the money are prohibited from investing local agency funds, or funds in the custody of the local agency, in negotiable certificates of deposit issued by a state or federal credit union if a member of the legislative body of the local agency or any person with investment decision making authority in the administrative office manager's office, budget office, auditor-controller's office, or treasurer's office of the local agency also serves on the board of directors, or any committee appointed by the board of directors, or the credit committee or the supervisory committee of the state or federal credit union issuing the negotiable certificates of deposits.

All certificates of deposit must be properly collateralized in accordance with Section 53652 of the California Government Code or fully insured by the Federal Deposit Insurance Corporation (FDIC).

Purchase of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

K. **State of California's Local Agency Investment Fund**

The Local Agency Investment Fund (LAIF) portfolio should be reviewed periodically. Investment in LAIF may not exceed the legally authorized limits.

L. **Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission** under the Investment Company Act of 1940 (15 U.S.C. Sec. 80a-1, et seq.). To be eligible for investment pursuant to this subdivision these companies shall either: (1) have attained the highest ranking or the highest letter and numerical rating provided by not less than two nationally recognized statistical rating organizations or (2) have an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds and with assets under management in excess of \$500,000,000.

The purchase price of shares of beneficial interest purchased shall not include any commission that the companies may charge and shall not exceed 20% of the City's investment portfolio. Further, no more than 10% of the City's investment portfolio may be invested in shares of beneficial interest of any one money market fund.

M. **Shares in a California common law trust** established pursuant to Title 1, Division 7, Chapter 5 of the Government Code of the State of California that invests exclusively in investments permitted by Section 53635 of Title 5, Division 2, Chapter 4 of the Government Code of the State of California, as it may be amended. Up to 100% of the City's investment portfolio may be invested in this investment type.

N. **Supranationals** are United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB), with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA-", its equivalent, or better by an NRSRO.

Purchases of supranationals shall not exceed 30% of the investment portfolio of the City. Supranationals are permitted by California Government Code § 53601 (q) effective January 1, 2015.

O. **A mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-back certificate,**

consumer receivable pass-through certificate, or consumer receivable-backed bond. Securities eligible for investment under this subdivision shall be rated in a rating category of “AA” or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. No more than 20% of the City's surplus funds may be invested in this type of security.

Where this section specifies a percentage limitation for a particular category of investment, that percentage is applicable only on the date of purchase. Credit criteria listed in this section refers to the credit of the issuing organization at the time the security is purchased. If an investment falls below the minimum purchase rating, the Investment Review Committee will perform a timely review to sell or hold the investment.

P. Prohibited Investments

For purposes of this policy, a derivative is defined as any security where the value is linked to or derived from an underlying asset or benchmark. Any security type or structure not specifically approved by this policy is hereby specifically prohibited. The City will not use such derivatives as range notes, dual index notes, inverse floating rate notes, deleveraged notes, or notes linked to lagging indices or to long term indices, nor will the City invest in reverse repurchase agreements, interest-only strips that are derived from a pool of mortgages, or any security that could result in zero interest accrual if held to maturity. This policy does not preclude the use of repurchase agreements and callable securities, as they do not fall within the definition of a derivative as described herein.

Summary of Maximum Percentage Limitations of Investments by Investment Type

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Minimum Credit Quality at Time of Purchase</u>	<u>Maximum Percentage Allowed</u>	<u>Maximum Investment In One Issuer</u>
U.S. Treasury Obligations	5 Years	None	None	None
U.S. Agency Securities	5 Years	None	None	None
Forward Delivery Agreements	N/A	A	None	None
Local Agency Bonds	5 Years	None	None	None
Repurchase Agreements	30 days	None	None	None
Bankers' Acceptances	180 days	None	40%	30%
Commercial Paper	270 days	A-1	25%	10%
Medium-Term Notes	5 Years	A	30%	5%
Collateralized Time Deposits	5 Years	None	30%	None
Negotiable Certificates of Deposit	5 Years	A	30%	None
Local Agency Investment Fund (LAIF)	N/A	None	None	\$65 million/account
Insured Saving Accounts	N/A	None	None	None
Money Market Mutual Funds	N/A	None	20%	10%
Shares in a California Common Law Trust	N/A	None	None	None
Interest Rate Swaps	N/A	None	None	None
Supranationals	5 Years	AA-	30%	None
Mortgage Pass-Through Securities	5 Years	AA	20%	None

IX. REVIEW OF INVESTMENT PORTFOLIO

The securities held by the City must be in compliance with Permitted Investments at the time of purchase. Because some securities may not comply subsequent to the date of purchase, the Chief Financial Officer shall at least annually review the portfolio to identify those securities that do not comply. The Chief Financial Officer shall report major and critical incidences of noncompliance identified through the review of the portfolio.

X. INVESTMENT POOLS

A thorough investigation of any investment pool is required prior to investing and should be monitored on an ongoing basis. The following information should be obtained and analyzed.

- A. A description of eligible of investment securities.
- B. A written statement of investment policies and objectives.
- C. A description of interest calculations and their distribution, and the treatment of gains and losses.
- D. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.
- E. A description of who may invest in the program, how often, and what size of deposits and withdraws are allowed.

XI. COLLATERALIZATION

Collateral for Non-negotiable Certificates of Deposit and Negotiable Certificates of Deposit must comply with California Government Code section 53652. In addition, if the Certificate of Deposit is not FDIC insured, collateral is required equal to 110% of principal.

XII. SAFEKEEPING AND CUSTODY

The City shall take from such financial institution a receipt for securities so deposited. All security transactions, including collateral for repurchase agreements, entered into the City shall be conducted on a delivery-versus-payment (DVP) basis pursuant to the approved custodial safekeeping agreements. The authority of the legislative body to deposit for safekeeping may be delegated by the legislative body to the Chief Financial Officer of the City; the Chief Financial Officer shall not be responsible for securities delivered to and receipted for by a financial institution until they are withdrawn from the financial institution by the Chief Financial Officer.

XIII. DIVERSIFICATION

The City's investment pool will be diversified to avoid incurring unreasonable and avoidable risks. The investments will be diversified by security type, maturities of those investments, and institutions in which those investments are made.

XIV. MAXIMUM MATURITY

Investment maturities shall be based on a review of cash flow forecasts. Maturities will be scheduled so as to permit the City to meet all projected obligations while minimizing interest rate risk and maximizing earnings. Unless specified below, the maximum maturity will be no more than five years from purchase date to maturity date.

City Council has granted permission to invest the following fund accounts where liquidity is not the primary investment objective, in Federal Treasury or Agency securities with maturities up to ten years. The specified fund accounts include:

- The City's Pooled Fund, limited to 25% of the total pool
- Citizens' Benefit Trust
- North Central Wetlands Endowment
- Aquatics Complex Maintenance
- Woodcreek West Endowment

XV. INTERNAL CONTROLS

The Chief Financial Officer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the City are protected from loss, theft, fraud or misuse. An analysis by an external independent accounting firm shall be conducted annually to review internal controls, account activity, and compliance with the investment policies.

XVI. PERFORMANCE BENCHMARK

The investment portfolio will be designed to obtain a market rate of return during budgetary and economic cycles, taking into account the City's investment risk constraints and cash flow needs. The Investment Review Committee has elected to use for its performance standard the Constant Maturity Treasury (CMT) Index. For the Pooled Portfolio, the 12 month moving average yield on 3Yr CMT will be used and for Citizens' Benefit Trust portfolio, the 12 month moving average yield on 5Yr CMT will be used. All other City portfolios will follow the 2Yr CMT.

XVII. REPORTING REQUIREMENTS

The Chief Financial Officer shall submit monthly investment reports to the City Manager and make these reports available to the City Council in the Finance Department office. The reports shall include, at a minimum, the following information for each individual investment:

- Description of investment instrument
- Issuer name
- Yield on cost
- Purchase date
- Maturity date
- Book value
- Par value

- Current market value
- Transaction activity
- Interest earnings summary

XVIII. INVESTMENT POLICY ADOPTION

The City's investment policy shall be adopted by resolution by the City Council. The policy shall be reviewed annually by the Chief Financial Officer and/or his/her designee and any modifications made thereto must be approved by the City Council.

XIX. GLOSSARY

Agencies - Federal agency and instrumentality securities.

Asked - The price at which securities are offered.

Bid - The price offered by a buyer of securities (when one sells securities, one asks for a bid). See "Offer".

Benchmark - A comparative base for measuring the performance or risk tolerance of the investment portfolio. A benchmark should represent a close correlation to the level of risk and the average duration of the portfolio's investments.

Broker-Dealer – a person or a firm who can act as a broker or a dealer depending on the transaction. A broker brings buyers and sellers together for a commission. They do not take a position. A dealer acts as a principal in all transactions, buying and selling for his own account.

Certificate of Deposit (CD) – A time deposit with a specific maturity evidenced by a Certificate. Large-denomination CDs are typically negotiable.

Collateral – Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

Custody – Safekeeping services offered by a bank, financial institution or trust company, referred to as the "custodian." Service normally includes the holding and reporting of the customer's securities, the collection and disbursement of income, securities settlement and market values.

Delivery Versus Payment –A type of securities transaction in which the purchaser pays for the securities when they are delivered either to the purchaser or custodian. It ensures that securities are deposited in an eligible financial institution prior to the

release of funds. Securities should be held by a third-party custodian as evidenced by safekeeping receipts.

Diversification – Dividing investment funds among a variety of securities offering independent returns.

Federal Agency Obligation – A debt instrument issued by one of the federal agencies. Federal agencies are considered second in credit quality and liquidity only to U.S. Treasuries.

Investment Review Committee – The committee meets quarterly to discuss the investments in the City's portfolios. The investment review committee consists of the City Manager, Chief Financial Officer and members of the Finance Department.

Liquidity – An investment that can be converted easily and rapidly into cash without a substantial loss of value.

Local Agency Investment Fund (LAIF) – The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment.

Market Value – The price at which a security is trading and could presumably be purchased or sold on a specific date.

Maturity – The date upon which the principal or stated value of an investment becomes due and payable.

Money Market Fund – a type of safe investment comprising a variety of short-term securities with high quality and high liquidity. The fund provides interest to shareholders and must maintain a stable net asset value (NAV) of \$1 per share.

Offer - The price asked by a seller of securities (when one buys securities, one asks for an offer). See "Asked" and "Bid".

Portfolio – Collection of securities held by an investor.

Principal – the original cost of a security. It represents the amount of capital or money that the investor pays for the investment.

Prudent Investor Standard – An investment standard that all investments should be made with care, skill, prudence and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those

matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Rate of Return - The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity; on a bond, the current income return.

U.S. Treasury – Government debt issued by the United States Department of the Treasury through the Bureau of the Public Debt. Treasury securities are the debt financing instruments of the United States federal government, and they are often referred to simply as Treasuries. There are four types of marketable treasury securities: Treasury bills, Treasury notes, Treasury bonds, and Treasury Inflation Protected Securities (TIPS). All of the marketable Treasury securities are very liquid and are heavily traded on the secondary market.

Yield - The rate of annual income return on an investment, expressed as a percentage.

Yield-To-Call (YTC) - The rate of return an investor earns from a bond assuming the bond is redeemed (called) prior to its nominal maturity date.

Yield-To-Maturity - The current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity.

City of Roseville

Debt Management Policy

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I. INTRODUCTION

The Finance Department of the City of Roseville (the “City”) has developed this Debt Management Policy (the “Debt Policy”) to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City.

While the issuance of debt is frequently an appropriate method of financing capital projects and major equipment acquisitions, such issuance must be carefully monitored to preserve the City’s credit strength and to provide the necessary flexibility to fund future capital needs.

II. SCOPE

This Debt Policy shall govern, except as otherwise covered by the law, City Charter and City Code, the issuance and management of all debt and lease financings funded in the capital markets. While adherence to the Debt Policy is desired, the City recognizes that changes in the capital markets as well as unforeseen circumstances, may from time to time produce situations that are not covered by the Debt Policy and may require modifications or exceptions to achieve City goals.

The City’s Debt Policy shall be reviewed, and updated if necessary, on an annual basis. The Chief Financial Officer (CFO) with the assistance of the General Accounting staff shall have the responsibility and authority for structuring, implementing and managing the City’s debt and financing program, in accordance with City Council authorizations.

III. OBJECTIVES

The City has earned some of the highest credit ratings in the nation and as a result receives some of the lowest possible interest rates on its debt. These low interest rates result in a lower overall cost of capital to the City. This Debt Policy will assist the City in determining appropriate uses of debt financing, establish certain debt management goals and assist the City in maintaining its high credit ratings, while assuming a prudent level of financial risk and preserving the City’s flexibility to finance future capital programs and requirements. Additionally, this Debt Policy is intended to set forth criteria for selecting firms to provide certain financial, legal, and other related services that will ensure that a fair and open selection process is used which provides opportunities for all qualified firms, including minority and women owned businesses.

IV. DEBT ISSUANCE

There are three general methods of issuing debt obligations, a competitive sale, negotiated sale and private placement.

A. Types of Bond Sales

1. Competitive Sale

In a competitive sale, security dealers submit bids either in a sealed bid or electronically secure process and the security dealer with the lowest True Interest Cost (TIC) and in compliance with the bid parameters is awarded the bonds.

2. Negotiated Sale

In a negotiated sale, an underwriter or underwriter syndicate is selected through a Request for Qualifications (RFQ) process or a Request for Proposal (RFP) process. The interest rate and underwriter's fee are negotiated prior to the sale, based on market conditions.

3. Private Placement/Bank Direct Purchase (BDP)

A private placement or bank direct purchase is a sale that is structured specifically for one purchaser, such as a mutual fund or a bank. BDPs are usually quicker and less expensive for municipalities than competitive or negotiated bond sales because they impose fewer requirements on the issuer. The interest rate may be a fixed or variable rate, as agreed between the issuer and purchaser. The term of the bonds may range from under 10 years to 15 years or not much longer, as agreed between the issuer and purchaser. The bonds may or may not be tax-exempt bonds for federal income tax purposes. If the CFO, or his/her designee, determines that it is in the best interest of the City from a cost or administrative standpoint, the Finance Department may negotiate financing terms with banks and financial institutions for specific borrowings.

It shall be the policy of the City to ensure the lowest risk and lowest overall interest rate to the City when issuing debt either through a competitive sale, negotiated sale or private placement, where appropriate. The City shall use the following criteria to determine whether a competitive or negotiated sale should be used.

B. Issuer Characteristics

1. Market Familiarity

A frequent issuer of a well-recognized credit such as general obligation bonds can generally sell these bonds through a competitive sale since investors and underwriters are familiar with the quality of the credit. A negotiated sale may be appropriate if extensive pre-marketing to investors is desired or required.

2. Credit Strength

The higher the credit quality of the bonds being issued, the more likely the bonds can be sold using a competitive sale due to the high demand for high quality municipal bonds. High quality credits fare well in competitive sales.

3. Policy Goals

A competitive sale does not provide the City with the flexibility of choosing the underwriter or underwriter syndicate. If the CFO concludes that determining the composition of the underwriter syndicate to achieve certain policy objectives is important, then a negotiated sale will be required. However, if the CFO selects the negotiated sale solely for policy reasons then the specific rationale and criteria for selection should clearly be specified.

C. Financing Characteristics

1. Type of Debt Instrument

The market favors familiar debt instruments such as general obligation bonds backed by the full faith and credit of the City. New credit types may require an education process that is more conducive to a negotiated sale until the market becomes comfortable with the credit.

2. Issue Size

The size of the bond sale will influence both investor interest in the bonds and the market's ability to absorb the bonds. In general if the bond sale is too small or too large, a negotiated sale may be necessary. A small sale may require greater marketing to garner investor interest while a

large sale may be difficult for the market to absorb without the presale activity available in the negotiated sale process.

3. Market Conditions and Timing

During periods of stable interest rates, market timing is not as critical. However, during periods of volatile interest rates, the timing of the sale becomes more critical. Bond refundings are also often very interest rate sensitive in terms of the potential level of savings or the general feasibility of the refunding. The negotiated sale provides more flexibility in terms of the structure of the bond sale as well as the timing of the bond sale and may be more appropriate when issuing refunding bonds and when interest rates are volatile.

4. Story Bonds

Bonds that require a detailed explanation due to the complexity of the credit or the repayment of the bonds are often referred to as “Story Bonds”. Due to their complexity and the additional explanation these bonds require, an extensive pre-marketing campaign is necessary. Story Bonds often require a negotiated sale composed of an underwriting syndicate that is qualified to market the bonds in order to obtain the lowest financing cost for the City.

V. FINANCIAL SERVICE PROVIDERS

A. Selection

In connection with debt financings, financial advisors, underwriters, and other service providers will be selected from a Qualified Vendors List (QVL) developed through a periodic Request for Qualifications (RFQ) process or, for individual financings, through a Request for Proposals (RFP) process, whichever method is deemed most appropriate given the specifics of the financing. At the discretion of the CFO, contracts may be awarded on a sole source basis if it is clear that an RFQ/RFP process is not feasible or not in the best interest of the City.

For competitive sales, any security dealer meeting the qualification criteria outlined in the competitive bid notice may bid in the competitive sale. For negotiated sales, only those underwriters qualified under the RFQ/RFP process may be selected. Underwriters or underwriter syndicates will be selected by the CFO. The allocation of bonds among syndicate members will be at the sole discretion of the CFO with the approval of the City Manager or his/her designee.

B. Use of Independent Financial Advisors

The City will hire financial advisors who are independent. In the event the best available financial advisor is an investment banking firm, the firm will under no circumstances be permitted to participate as the lead underwriter or as a member of an underwriter syndicate that is bidding on the bonds for which the firm is acting as a financial advisor. In addition, if the firm has any profit sharing or other type of agreement with any member of the underwriting syndicate for the transaction in question, they will not be allowed to act as the financial advisor. In general, no agreement will be permitted that would compromise the firm's ability to provide independent advice or that could be reasonably perceived by the City as a conflict of interest. Advisors must alert the CFO, in writing, of any conflict, potential conflict, or potentially perceived conflict prior to entering into an agreement with the City, or if occurring after entering into an agreement with the City, as soon as the conflict, potential conflict, or potentially perceived conflict arises.

C. Communication/Solicitation

All financial consultants, including all investment banking firms, financial advisors, bond counsel, and other consultants hired in connection with any bond transaction will direct all communications, solicitations and questions to the CFO or his/her designee. Underwriters are reminded that under Rule G-37 of the Municipal Securities Rulemaking Board (MSRB) that a firm may be banned from providing underwriting services to the City for two years for making any political contributions to elected City officials.

VI. DEBT MANAGEMENT PROCESS – TAX STATUS

Prior to the issuance of any bonds, the Finance Department, in conjunction with bond counsel and the City Attorney's Office will evaluate the tax status of any bond sales.

A. Tax-Exempt

Interest on tax-exempt bonds is excluded from the gross income of its owners for federal income tax purposes and from California income taxes and as a result tax-exempt bonds can be sold at a lower true interest cost than taxable bonds. The City, along with bond counsel, will evaluate all projects to be funded to assess their eligibility to be funded by tax-exempt bonds. The City will make every effort to ensure that all tax regulations are complied with to ensure the bonds maintain their tax-exempt status.

B. Taxable

Certain municipal bonds are sold as taxable bonds because they are issued for purposes that the federal government deems do not provide a significant benefit to the public at large or involve “private activity”. In addition, certain tax laws such as the alternative minimum tax (AMT) reduced the tax exemption applicable to certain types of bonds and to certain taxpayers. Taxable bonds will be used whenever a particular project has the potential for private activity or other uses that may call into question the eligibility to use tax-exempt financing.

VII. DEBT MANAGEMENT PROCESS – TYPE OF DEBT

A. Fixed Rate Debt

Longer term debt usually consists of fixed interest rates over the term of the bonds and should be used to finance essential capital facilities, projects and certain equipment where it is appropriate to spread the cost of the project over more than one budget year and generally for a period not to exceed the useful life of the project being financed. In so doing, the City recognizes that future taxpayers who will benefit from the project will pay a share of its cost. Fixed rate debt provides the benefit of fixed payments during the life of the bonds and budget certainties for long-term capital planning. However, fixed rate debt is typically longer term and carries higher interest payments (assuming an upward sloping yield curve) than variable rate debt but is not subject to changes in interest rates. Fixed rate debt is the most common type of debt issued by the City.

B. Variable Rate Debt

The municipal bond market has developed several vehicles by which municipalities can borrow at short-term, variable interest rates. Variable Rate Demand Notes may be issued with interest rates that “reset” daily, weekly, monthly or semiannually at the option of the City. Commercial paper is issued with a maturity of up to 270 days at the City’s option. As the commercial paper matures, it is resold by a commercial paper dealer for another period up to 270 days.

These products are structured as a rolling series of short-term investments and therefore are priced at the short-end of the yield curve at lower interest rates than long-term fixed rate bonds (assuming an upward sloping yield curve). By accepting the risks inherent in variable interest rates, the City can take advantage of the lowest rates available in the current market.

Factors that will be considered in the use of variable rate debt are the availability and size of fund balances to cover variable rate risk, and the budget flexibility of the program being financed. Programs with large complex capital programs may use short-term financing to fund uncertain construction cash flow requirements. The short-term debt can be refinanced as fixed-rate, long term debt once the projects are complete. A project that must be carried in anticipation of grant funding may also be a candidate for the use of variable rate financing. Examples are the Electric, Water, and Wastewater enterprise funds.

C. Use of Alternative Debt Instruments

1. Derivative Products

The use of certain derivative products, such as swaps, swaptions and the sale of call options, allow the City to realize lower all-in costs on a new debt issuance or to receive an upfront payment. One type of swap that may be used would allow the City to issue variable rate debt in exchange for fixed payments that are typically lower than fixed rate debt. However, such products have unique risks that the City and its financial advisors will evaluate as per the City's Swap Policy. The current Swap Policy is included in Appendix A.

VIII. DEBT MANAGEMENT PROCESS – DEBT CAPACITY

The determination of how much indebtedness the City can afford begins by assessing the sufficiency of future revenues. The amount of debt issued is based on the requirements of the approved 5-year CIP, subject to the condition that sufficient revenues are projected to be available. Factors such as debt service coverage requirements outlined in the bond indentures, the impact on the citizens (tax rates), and any impact on the bond ratings will be carefully considered. Different factors are considered for each type of credit. For example, Revenue or Certificates of Participation bonds for electric, water and wastewater bonds will consider the impact on customer utility bills. In the case of general obligation debt, State Statutes and the Constitution limit the amount of debt that a municipality can have outstanding.

IX. DEBT MANAGEMENT PROCESS – SECURITY OF DEBT

A. General Obligation (G.O.) Bonds

G.O. bonds are backed by the full-faith and credit of the City and are secured by secondary property taxes.

B. Revenue Bonds

Revenue bonds are supported solely from fees generated from specific Enterprise Funds. Accordingly, in order to preserve debt capacity and budget flexibility, the City will issue revenue bonds when an identifiable revenue stream can be dedicated to support the payment of debt service. The final maturity of revenue obligations will be determined by the expected life of the project to be financed and the revenues available to repay the debt. The City's various Enterprise Funds – Electric, Water, and Wastewater issue bonds backed by revenues of the enterprise. Revenue bonds are generally issued through the Roseville Finance Authority.

C. Certificates of Participation (COP) Bonds

COP bonds are an instrument evidencing a pro rata share in a specific pledged revenue stream, usually lease payments by the issuer that are typically subject to annual appropriation. The certificate generally entitles the holder to receive a share, or participation, in the payments from a particular project. The payments are passed through the lessor to the certificate holders. The lessor typically assigns the lease and the payments to a trustee, which then distributes the payments to the certificate holders.

D. Housing Bonds

Tax-exempt housing bonds are an important source of capital, providing loans for single-family homeownership and rental housing for very-low, low and moderate-income individuals and families. The relatively low tax-exempt interest rates, combined with federal, state, and local housing assistance programs, provide the necessary subsidy to create a supply of much needed, below market interest-rate loans.

E. Community Facilities District (CFD) Bonds

CFD bonds are issued and backed entirely by a Community Facilities District established under State Statutes for the purpose of managing and financing public improvements within the district boundaries. Any CFDs established in the City are reviewed by the Finance Department and the Finance Department will supervise the issuance of the debt on behalf of the CFD with the CFD paying all costs of issuance including administrative support. The creation of a CFD must be approved by City Council and follow a detailed legal process. Please refer to Appendix B for additional Goals and Policies concerning CFD bonds.

F. Special Assessment Bonds

Special assessment bonds are a special type of municipal bond used to fund development projects that benefit a discrete group of taxpayers within a special assessment district. Principal and interest owed on the bonds is paid from assessments on the property benefiting from the particular bond-funded project. The creation of an Assessment District must be approved by City Council and follow a detailed legal process.

X. DEBT MANAGEMENT PROCESS – PURPOSE OF FINANCING

Generally, financings may be undertaken to fund new projects “new money financing” or to refund existing bonds.

A. New Money Financing

New money issues are those financings that generate funding for capital projects. These funds will be used for necessary land acquisitions, capital construction, equipment, and other items for the City. New money bond proceeds are generally not used to fund operational activities. The City also may use its commercial paper programs to provide interim new money funding. The commercial paper notes are retired upon receipt of bond proceeds from a long-term fixed rate financing.

B. Refunding Bonds

A periodic review of the City’s outstanding debt will be undertaken by the Finance Department to determine refunding opportunities.

Refunding bonds are issued to retire all or a portion of an outstanding bond issue. Most typically this is done to refinance at a lower interest rate to reduce overall debt service. Alternatively, some refundings are undertaken for reasons other than to achieve cost savings, such as to restructure debt service payments, to change the type of debt instruments being used, or to eliminate undesirable covenants.

In any event, a present value savings analysis must be prepared that identifies the economic effects of any refunding being considered by the City. The savings from any particular refunding candidate shall generally be at least 5% of the refunded par amount, net of all transaction expenses. This 5% savings target may be waived by the CFO, or his/her designee, upon a finding that such a refunding is in the City's best overall financial interest and shall not be applicable for refunding transactions that are not solely undertaken to achieve cost savings.

XI. DEBT MANAGEMENT PROCESS - CREDIT RATINGS

The City seeks to obtain and maintain the highest possible credit ratings for all categories of short- and long-term debt. The City will not issue bonds that do not carry investment grade ratings.

A. Rating Agency Relationships

The CFO, or his/her designee, shall be responsible for maintaining relationships with rating agencies that assign ratings to the City's various debt obligations. This responsibility shall include coordinating meetings and presentations in conjunction with the issuance of debt. Full disclosure of operations and open lines of communication shall be maintained with the rating agencies used by the City.

B. Use of Rating Agencies

The City may obtain a rating from at least one nationally recognized rating agency on all new bond issues being sold in the public market. The CFO, or his/her designee, shall determine whether or not any additional ratings will be requested on a particular financing. The CFO, or his/her designee, shall determine which major rating agencies will be asked to provide a rating. Exceptions to this requirement, such as when using a private placement, are permissible, if warranted by the circumstances and approved by the CFO, or his/her designee.

The City and/or the financing team shall notify the rating agencies by telephone or through written correspondence when the City anticipates issuing bonds. Bond documentation shall be sent several weeks prior to the bond sale to the selected rating agencies in order to provide the rating agencies sufficient time to perform their review. A personal meeting with the selected rating agencies may be scheduled if, in the opinion of the CFO, or his/her designee, such a meeting is in the best interest of the City in order to obtain the highest possible credit rating.

The City shall make every reasonable effort to maintain or improve its high quality credit ratings.

The City may request an underlying rating and an insured rating on all bond issues utilizing bond insurance.

The City shall submit its audited comprehensive annual financial report to all rating agencies utilized by the City.

XII. DEBT MANAGEMENT PROCESS – CREDIT ENHANCEMENT

Although the City has high credit ratings, credit enhancement through the use of bond insurance or a bank facility such as a letter of credit to strengthen the underlying credit rating of certain bonds may be financially beneficial. Bonds insured by insurers rated AAA will also receive the AAA rating and thus be able to be sold at a lower interest rate. Bank facilities, such as letters of credit from highly rated banks, can also be used to provide credit enhancement.

A. Bond Insurance

Bond insurance will be considered when it provides an economic benefit to a particular bond maturity or entire issue. Bond insurance provides improved credit quality for the bonds as a result of the insurance provider's guarantee of the payment of principal and interest on the bonds. Because of the decreased risk of non-payment, investors are willing to purchase insured bonds at lower yields than uninsured bonds, thus providing the issuer with interest cost savings.

1. Benefit Analysis

The decision to use bond insurance is an economic decision. A benefit analysis compares the present value of the interest savings to the cost of the insurance premium. Insurance will be purchased when the premium cost is less than the present value of the projected interest savings. A copy of the benefit analysis shall be maintained in the files of the Finance Department.

2. Selection

The City or its financial advisor will undertake a competitive selection process when soliciting pricing for bond insurance, or in the case of a competitive sale, facilitating the prequalification of bonds by insurance providers. The City recognizes that all providers may not be interested in providing bids to the City or pre-qualifying the issue. The winning security dealer in a competitive sale will determine whether it will purchase insurance for the issue. For a negotiated sale, the CFO shall have the authority to purchase bond insurance when deemed advantageous and the terms and conditions governing the guarantee are satisfactory.

B. Bank Facilities (Letters of Credit)

When used for credit enhancement, letters of credit ("LOC") represent a bank's promise to pay principal and interest when due for a defined period of time,

subject to certain conditions. In the case of a direct-pay LOC, the trustee will draw upon the LOC to make debt service payments and the City will reimburse the LOC provider the amount drawn on the LOC by the trustee. A stand-by LOC is used to ensure the availability of funds to pay principal and interest of an obligation only if the funds in the debt service account held by the trustee are insufficient to make the debt service payment on the bonds.

XIII. DEBT MANAGEMENT PROCESS – STRUCTURAL FEATURES

A. Maturity

The final maturity of a bond sale shall be equal to or less than the remaining useful life of the assets being financed, and the average life of the financing shall not exceed 120% of the average useful life of the assets being financed.

B. Debt Service Structure

The Finance Department will carefully consider the debt service structure for each bond issue. Factors such as the flow of revenues available for a particular credit, the need to fill in gaps created by refunding specific principal maturities or to structure savings from a refunding in a particular year will be considered. Accelerated repayment may be considered within the bonding capacity constraints to provide capacity for future capital programs. Bonds will be amortized over a period of time not to exceed the useful life of the assets being financed.

C. Lien Levels

Senior, Junior and Subordinated Junior Liens for each revenue source will be utilized in a manner that will maximize the most critical constraint - typically either cost or capacity - thus allowing for the most beneficial use of the revenue source securing the bond.

D. Capitalized Interest

Subject to Federal and State law, interest may be capitalized from the date of issuance of the debt. Interest may also be capitalized for projects in which the revenue designated to pay debt service on the bonds will be collected at a future date, not to exceed six months from estimated completion of construction. Any use of capitalized interest will require a review by bond counsel and approval by the CFO.

XIV. INVESTMENT OF BOND PROCEEDS

The City shall comply with all applicable Federal, State, and Indenture restrictions, if any, regarding the use and investment of bond proceeds. This includes compliance with any restrictions on the types of investment securities allowed, restrictions on the allowable yield of invested funds as well as restrictions on the time period over which some bond proceeds may be invested. The CFO, or his/her designee, will direct the investment of bond proceeds in accordance with the permitted investments for each particular bond issue. Investments such as guaranteed investment contracts may be considered when their use is in the best interest of the City and will be selected on a competitive basis.

XV. CONTINUING DISCLOSURE

The City will comply when applicable with Rule 15(c)2-12 of the Securities and Exchange Commission by filing an annual report and annual financial information with the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System , and filing material event notices within 10 days of occurrence of certain events as required by the Rule.

XVI. ARBITRAGE REBATE

The City shall comply with all arbitrage rebate requirements as established by the Internal Revenue Service and the Finance Department shall establish a system of record keeping and reporting to meet the arbitrage rebate compliance requirements of the federal tax code. This effort shall include tracking project expenditures financed with bond proceeds, tracking investment earnings on bond proceeds, calculating rebate payments in compliance with tax law, and remitting any rebate earnings to the federal government in a timely manner in order to preserve the tax-exempt status of the City's outstanding tax-exempt debt issues. The CFO, or his/her designee, may enter into agreements with arbitrage service providers to assist the City with complying with arbitrage regulations.

XVII. POST ISSUANCE COMPLIANCE

The City shall comply with all applicable laws and regulations to ensure the tax-exempt status of its bonds. The Finance Department shall maintain written procedures to document the processes used to ensure compliance with applicable laws and regulations, and shall specify the positions and individuals responsible for these processes.

APPENDIX A

Swap Policy

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I. INTRODUCTION

The swap guidelines outlined herein are only intended to provide general procedural direction regarding the future use, procurement and execution of interest rate swaps and options. These guidelines are intended to relate to various interest rate hedging techniques, including the contractual exchange of different fixed and variable rate payment streams through interest rate swap agreements. The swap policies are not intended in any way to require the City to modify or terminate existing interest rate swaps. The City maintains the right to modify these guidelines and may make exceptions to any of them at any time in its sole discretion. Failure to comply in any manner with these swap guidelines shall not result in liability on the part of the City to any party.

II. APPROACH AND OBJECTIVES

Interest rate swaps and options are appropriate interest rate management tools that can help the City meet important financial objectives. Properly used, these instruments can increase the City's financial flexibility, provide opportunities for interest rate savings or enhanced investment yields, and help the City manage its balance sheet through better matching of assets and liabilities. Swaps should be integrated into the City's overall debt and investment management guidelines and should not be used for speculation.

Swaps are appropriate to use when they achieve a specific objective consistent with the City's overall financial strategies. Swaps may be used, for example, to lock-in a current market fixed rate or create additional variable rate exposure. Swaps may be used to produce interest rate savings, to alter the pattern of debt service payments, or for asset/liability matching purposes. Swaps may be used to cap, limit or hedge variable rate payments. Options granting the right to commence or cancel an underlying swap may be used to the extent the swap itself is consistent with these guidelines or the City determines there are other advantages to be derived in granting the option; however, the City must determine if the use of any such option is appropriate and warranted given the potential benefit, risks, and objectives of the City. The City's staff, together with its Bond Counsel and its Financial Advisor, periodically shall review the City's swap guidelines and recommend appropriate changes.

In connection with the use of any swaps, the City Council shall make a finding that, per Government Code Section 5922, the applicable swap is designed to reduce the amount or duration of the interest rate risk or result in a lower cost of borrowing when used in combination with the issuance or carrying of the Bonds or enhance the relationship between the risk and return with respect to the City's investments or program of investment, as applicable.

Rationales for Utilizing Interest Rate Swaps and Options

- A. Optimize capital structure; including schedule of debt service payments and/or fixed vs. variable rate allocations
- B. Achieve appropriate asset/liability match
- C. Reduce risk, including:
 - 1. Interest rate risk;
 - 2. Tax risk; or
 - 3. Liquidity renewal risk
- D. Provide greater financial flexibility
- E. Generate interest rate savings
- F. Enhance investment yields
- G. Manage exposure to changing markets in advance of anticipated bond issuances (through the use of anticipatory hedging instruments)

III. PERMITTED INSTRUMENTS

The City may utilize the following financial products on a current or forward basis, after identifying the objective(s) to be realized and assessing the attendant risks.

- A. Interest rate swaps, including fixed, floating and/or basis swaps; and
- B. Options, including swaptions, caps, floors, collars and/or cancellation or index-based features

IV. PROCEDURE FOR SUBMISSION AND EXECUTION

Unsolicited proposals are to be mailed to the Chief Financial Officer and the Financial Advisor for evaluation. Such unsolicited proposals need to be received four weeks prior to the next City Council meeting for consideration at such meeting. For proposals received within four weeks of the next City Council meeting, the City reserves the right to consider the proposal at the following month's Council meeting.

Legal costs incurred in connection with an unsolicited proposal shall be paid by the firm submitting the proposal if for whatever reason the proposal does not close or should the City elect for any reason not to proceed. If the City elects to proceed with the

proposed transaction and the proposed transaction closes, the City will absorb such legal costs through costs of issuance.

The City staff and the Financial Advisor shall review all unsolicited proposals prior to presentation to the City Council. The City shall only present proposals to the Council that the City, in its sole discretion, believes should be considered further given, for example, the projected savings or other benefits and the ability to meet one or more of the objectives outlined herein. Only proposals that meet the savings guidelines (as described in the “Guidelines for Financing and Selection of the Financing Team”) or that the City staff find compelling for other reasons, shall be presented.

Procurement and Execution

The City will not have a fixed guideline with respect to swap procurement. The City will assess the benefits of competitively bidding financial products that are non-proprietary or generally available in the marketplace. On a product-by-product basis, the City will have the authority to negotiate the procurement of financial instruments that have customized or specific attributes designed on the City’s behalf.

The use of financial derivative products will be recommended if they meet one of the benefits outlined herein or if they:

- A. Provide a specific benefit not otherwise available;
- B. Produce greater expected interest rate savings or incremental yield than cash market alternatives;
- C. Are not speculative or do not create unreasonable leverage or risk;
- D. Result in an improved capital structure or better asset/liability match; or
- E. Reasonably pass the risk evaluation required by these guidelines

Conformance with Dodd-Frank

It is the intent of the City to conform this policy to the requirements relating to legislation and regulations for over-the-counter derivatives transactions under Title VII of the Wall Street Transparency and Accountability Act of 2010, as supplemented and amended from time to time (herein collectively referred to as “Dodd-Frank”). Pursuant to such intent, it is the policy of the City that: (i) each swap advisor engaged or to be engaged by the City will function as the designated qualified investment representative of the City, sometimes referred to as the “Designated QIR”; (ii) each swap advisor agrees to meet and meets the requirements specified in Commodity Futures Trading Commission Regulation 23.450(b)(1) or any successor regulation thereto (herein

referred to as the “Representative Regulation”); (iii) each swap advisor provide a written certification to the City to the effect that such swap advisor agrees to meet and meets the requirements specified in the Representative Regulation; (iv) the City monitor the performance of each swap advisor consistent with the requirements specified in the Representative Regulation; (v) the City exercise independent judgment in consultation with its swap advisor in evaluating all recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy; and (vi) the City rely on the advice of its swap advisor with respect to transactions authorized pursuant to this Debt Policy and not rely on recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy.

Counter-Party Risk Assessment

The City will only do business with highly rated counter parties or counter parties whose obligations are supported by highly rated parties. The City will structure swap agreements to protect itself from credit deterioration of counter parties, including the use of credit support annexes or other forms of credit enhancement to secure counter party performance. Such protection shall include any terms and conditions which in the City’s sole discretion are necessary or appropriate or in the City’s best interest.

The City shall enter into interest rate swap transactions only with qualified swap counter parties. Qualified swap counter parties are investment banks as will be identified by the Financial Advisor. Qualified swap counter parties should be rated at least “Aa3” or “AA-” by one of the nationally recognized rating agencies (i.e. Moody’s, Standard and Poor’s, and Fitch) and not rated lower than “A2” or “A” by any nationally recognized rating agency. In addition, the counter party must have a demonstrated record of successfully executing swap transactions as well as creating and implementing innovative ideas in the swap market. Each counter party shall have minimum capitalization of at least \$150 million.

The City should not have an immutable credit standard. However, the City will attempt to do business with highly rated counter parties of “Aa3” or “AA-” or better. For lower rated (below “Aa3” or “AA-”) counter parties, the City should seek credit enhancement in the form of:

- A. Contingent credit support or enhancement; or
- B. Collateral consistent with the policies contained herein

V. SWAP ANALYSIS AND PARTICIPANT REQUIREMENTS

In connection with any swap, the City and its Financial Advisor shall review the proposed transaction and outline any considerations associated with the transaction to the City Council. Such a review should include the following:

- A. The identification of the proposed benefit and potential risks, which shall include, but not necessarily be limited to, those risks outlined herein
- B. Independent analysis of potential savings from a proposed transaction
- C. Fixed versus variable rate and swap exposure before and after the proposed transaction
- D. Market Net Termination Exposure (as outlined herein) for all existing and proposed transactions at the City

Swap Risks

- A. Counter party Risk – The risk of a payment default on a swap by an issuer’s counter party
- B. Termination Risk - The risk that a swap has a negative value and the issuer owes a “breakage” fee if the contract has to be liquidated
- C. Tax Risk – A mismatch between changes in the rate or price on an issuer’s underlying bonds and the swap caused by a reduction or elimination in the benefits of the tax exemption for municipal bonds, e.g. a tax cut, which results in an increase in the ratio of tax-exempt to taxable yields
- D. Basis Risk – A mismatch between the rate on an issuer’s underlying bonds and the rate paid under the swap, e.g. a tax-exempt variable rate issue which trades at 62% of LIBOR while the issuer only receives 60% of LIBOR under the swap
- E. Tax Exemption Risk – The risk that the transaction may make the issuer’s related bonds taxable
- F. Liquidity/Remarketing Risk – The risk that an issuer cannot secure a cost-effective renewal of a Letter or Line of Credit or suffers a failed auction or remarketing with respect to its variable-rate bonds

Benefit Expectation

Financial transactions, using fixed rate swaps or other derivative products, should generate 2% greater projected savings than the savings guidelines (as described in the “Guidelines for Financing and Selection of the Financing Team”) then in effect for traditional bonds. This threshold will serve as a guideline and will not apply should the transaction, in the City’s sole judgment, help to meet any of the objectives outlined herein. The higher savings target reflects the greater complexity and higher risk of derivative financial instruments. At a minimum, such financial transactions should provide a savings of no less than 5% over refunded par regardless of the spread between the financial transaction and a traditional bond refunding.

For example, assuming a refunding of \$100 million of existing bonds, a traditional fixed rate advance refunding that does not use derivative products would have a present value savings threshold of \$5 million, which is 5% of the refunded par. If the refunding structure utilizes a derivative product, the threshold would be \$7 million in present value savings, 7% of the refunded par. Therefore, the transaction utilizing a swap or other derivative product would have to generate an additional \$2 million to meet the target.

For variable rate or other swap transactions that do not result in a fixed interest rate, the City will evaluate any additional value generated through the transaction in assessing the benefits of proceeding, including the ability to meet the objectives outlined herein. These benefits include, for example, reducing interest rate or tax risk, optimizing the capital structure or further reducing interest expense.

In determining any benefit in implementing a fixed-to-variable swap, the cost of remarketing, in addition to the cost of credit enhancement or liquidity fees must be added to the projected variable rate. Such a calculation should consider the trading performance of comparable bonds and any trading premium resulting from a specific form of credit enhancement or liquidity and/or any impact related to broader industry trends.

VI. LEGAL AND CONTRACTUAL REQUIREMENTS

Unless otherwise approved by Council, the City will use standard ISDA swap documentation including the Schedule to the Master Agreement and a Credit Support Annex. The City may use additional documentation if the product is proprietary or the City deems in its sole discretion that such documentation is otherwise in its interest.

Terms and Notional Amount of Swap Agreement

The City shall determine the appropriate term for an interest rate swap agreement on a case-by-case basis. In connection with the issuance or carrying of bonds, the term of the

swap agreement between the City and a qualified swap counter party shall not extend beyond the final maturity date of existing debt of the City on the related Project, or in the case of a refunding transaction, beyond the final maturity of the refunding bonds. For purposes of calculating net exposure, credit shall be given to any fixed versus variable rate swaps that offset termination exposure for a specific Project or bond transaction. For variable rate transactions, credit may also be given for any assets that are used to hedge a transaction as long as in the City's judgment such assets are reasonably expected to remain in place on a coterminous basis with the swap.

Terms and conditions of any swap shall be negotiated by the City in the best interests of the City subject to the provisions of the California Government Code and, unless otherwise waived or altered by the City, these guidelines. The swaps between the City and each counter party shall include, as appropriate, payment, term, security, collateral, default, remedy, termination, and other terms, conditions and provisions as the City, in consultation with its Bond Counsel and Financial Advisor, deems necessary or desirable.

Subject to the provisions contained herein, the City swap documentation and terms should include the following:

- A. Downgrade provisions triggering termination shall in no event be worse than those affecting the counter party
- B. Governing law for swaps will be New York law, but should reflect California authorization provisions
- C. The specified indebtedness related to credit events in any swap agreement should be narrowly drafted and refer only to specific project debt
- D. Collateral thresholds should be set on a sliding scale reflective of credit ratings (see Collateral below)
- E. Eligible collateral as set forth in the Collateral section below.
- F. Termination value should be set by "market quotation" methodology, when the City deems appropriate
- G. The City should only agree to an Additional Termination Event for the City to the extent that the ratings on the applicable the City bonds fall below a ratings trigger acceptable to the City and the counter party and no form of credit support or enhancement is in place

Termination Provision

All swap transactions shall contain provisions granting the City the right to optionally terminate a swap agreement at any time over the term of the agreement. Such a provision shall be required even if any termination is at market. In general, exercising the right to terminate an agreement should produce a benefit to the City, either through the receipt of a payment from a termination or, if the termination payment is made by the City, in conjunction with a conversion to a more beneficial (desirable) debt obligation of the City.

Collateral

As part of any swap agreement, the City shall require collateralization or other forms of credit enhancements to secure any or all swap payment obligations. As appropriate, the City, in consultation with its Bond Counsel and Financial Advisor, may require collateral or other credit enhancement to be posted by each swap counter party under the following circumstances:

- A. Each counter party to the City may be required to post collateral if the credit rating of the counter party or parent falls below the “AAA” category. Additional collateral for further decreases in credit ratings of each counter party shall be posted by each counter party in accordance with the provisions contained in the collateral support agreement to each counter party with the City the City. Maximum un-collateralized exposure for: (i) “AAA” rated counter parties is \$40 million; (ii) “AA” rated counter parties is \$10 million; and (iii) below “AA” category, uncollateralized exposure is zero
- B. Threshold amounts shall be determined by the City on a case-by-case basis. The City will determine the reasonable threshold limits for the initial deposit and for increments of collateral posting thereafter
- C. Collateral shall be deposited with a third party trustee, or as mutually agreed upon between the City and the counter party
- D. A list of acceptable securities that may be posted as collateral and the valuation of such collateral will be determined and mutually agreed upon during negotiation of the swap agreement with each swap counter party. A complete list of acceptable securities and valuation percentages are included as Attachment A
- E. The market value of the collateral shall be determined on at least a monthly basis, or more frequently if the City determines it is in the City’s best interest given the specific collateral security

- F. It shall be determined on a case-by-case basis whether other forms of credit enhancement are more beneficial to the City

VII. LIMITATIONS ON TERMINATION EXPOSURE

In order to diversify the City's counter party credit risk, and to limit the City's credit exposure to any one counter party, limits will be established for each counter party based upon both the credit rating of the counter party as well as the relative level of risk associated with each existing and projected swap transaction. The guidelines below provide general termination exposure guidelines with respect to whether the City should enter into an additional transaction with an existing counter party. The City Council may make exceptions to the guidelines at any time to the extent that the execution of a swap achieves one or many of the goals outlined in these guidelines or provides other benefits to the City.

Such guidelines will also not mandate or otherwise force automatic termination by the City or the counter party. Maximum Net Termination Exposure is not intended to impose retroactively any terms and conditions on existing transactions. Such provisions will only act as guidelines in making a determination as to whether or not a proposed transaction should be executed given certain levels of existing and projected net termination exposure to a specific counter party. Additionally, the guidelines below are not intended to require retroactively additional collateral posting for existing transactions. Collateral posting guidelines are described in the "Collateral" section above. The calculation of net termination exposure per counter party will take into consideration multiple transactions, some of which may offset the overall exposure to the City.

Maximum Net Termination Exposure will be based on the sum of (i) the market value of existing transactions as of the first day of the month prior to the execution of any new transaction plus (ii) the expected worse case termination value of the new transaction. The maximum termination exposure will also be tied to the credit rating of a counter party and whether or not the counter party has posted collateral against this exposure.

Under this approach, the City will set limits on individual counter party exposure based on existing as well as new or proposed transactions. For existing transactions, exposure will be based on the market value as of the last quarterly swap valuation report provided by the Financial Advisor. For a new or proposed transaction, the City will calculate the projected maximum exposure based on the estimated maximum exposure assuming two standard deviations. Standard deviation is a statistic obtained by squaring the average difference from the mean of a distribution of numbers. Two standard deviations capture 95% of the population of a distribution of numbers. For purposes of the calculation, two standard deviations shall be calculated as the annualized standard deviation of weekly swap rates over the preceding 52 weeks. The time period may vary according to market conditions which could range from flat to volatile.

The sum of the existing market value and the projected maximum exposure shall constitute the Maximum Net Termination Exposure. For purposes of this calculation, the City shall include all existing and projected transactions of an individual counter party and all transactions will be analyzed in aggregate such that the maximum exposure will be additive and netted on a per project basis. The rationale behind aggregating and netting on a Project basis is that the exposure will vary for individual members depending on their participation in different projects.

For example, if the City has \$13 million (i.e. the City would owe termination payment) of exposure to a counter party, the Maximum Net Termination Exposure under the definition above, is the projected maximum termination exposure less the outstanding exposure. If projected maximum termination exposure on the proposed transaction, assuming two standard deviations, is \$20 million, net termination exposure would be \$7 million.

The exposure thresholds, which will be reviewed periodically to ensure that they remain appropriate, will also be tied to credit ratings of the counter parties and whether or not collateral has been posted. If collateral has been posted, the City cannot exceed \$30.0 million of collateralized exposure. In addition, there would be a further limit on the amount of uncollateralized exposure, including any threshold amounts under the Credit Support Annex. For AAA-rated counter parties, the City could have up to \$40.0 million of uncollateralized exposure; for counter parties in the AA category, the City could have up to \$10.0 million of uncollateralized exposure and for counter parties below the AA category, the City could have no uncollateralized exposure. If a counter party has more than one rating, the lowest rating will govern for purposes of the calculating the level of exposure. A summary table is provided below.

Credit Ratings	Maximum Collateralized Exposure	Maximum Uncollateralized Exposure	Maximum Total Termination Exposure
AAA	NA	\$40 million	\$40 million
AA Category	\$30 million	\$10 million	\$40 million
Below AA	\$30 million	None	\$30 million

Assuming the same example as above, if the counter party is currently rated “Aa2” and “AA+,” the exposure thresholds would only take effect if Net Termination Exposure increased an additional \$3 million (from the original \$7 million above).

If the exposure limit is exceeded by a counter party, the City shall conduct a review of the exposure limit per counter party. The City, in consultation with its Bond Counsel and Financial Advisor, shall explore remedial strategies to mitigate this exposure.

VIII. ONGOING MANAGEMENT

The City will seek to maximize the benefits and minimize the risks it carries by actively managing its swap program. This will entail frequent monitoring of market conditions, by both the Financial Advisor and swap counter party, for emergent opportunities and risks. Active management may require modifications of existing positions including, for example:

- A. Early termination;
- B. Shortening or lengthening the term;
- C. Sale or purchase of options; or
- D. Use of basis swaps.

On an overall basis, the City's swap program is not expected to be very large relative to all of its investment and debt activities. Swaps will be used in response to particular market conditions and needs of the City for which swaps are the best investment or debt-management option.

IX. ONGOING REPORTING REQUIREMENTS

A written report providing the status of all interest rate swap agreements entered into by the City will be provided to the City Council on an annual basis (or other basis, if so directed by Council) and shall include the following:

- A. A description of all outstanding interest rate swap agreements, including project and bonds series, type of swap, rates paid and received by the City, total notional amount, average life of each swap agreement, remaining term of each swap agreement
- B. Highlights of all material changes to swap agreements or new swap agreements entered into by the City since the last report
- C. Termination exposure of each of the City's interest rate swap agreements
- D. The credit rating of each swap counter party and credit enhancer insuring swap payments, if any
- E. If applicable, information concerning any default by a swap counter party to the City, including but not limited to the financial impact to the City, if any
- F. If applicable, information concerning any default by the City to a swap counter party

- G. A summary of swap agreements that were terminated or that have expired
- H. For a swap transaction entered into to generate debt service savings, the City will calculate on an annual basis the actual debt service requirements versus the projected debt service on the swap transaction at the original time of execution. Such a calculation shall include a determination of the cumulative actual savings (or, if applicable, additional payments made by the City) versus the projected savings at the time the swap was executed.

Attachment A – Acceptable Collateral

Security	Valuation Percentage
Cash	100%
Negotiable debt obligations issued by the U.S. Treasury Department or the Government National Mortgage Association (“Ginnie Mae”), or (y) mortgage backed securities issued by Ginnie Mae (but with respect to either (x) or (y) excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service) and in each case having a remaining maturity of: (i) less than one year (ii) one year or greater but less than 10 years (iii) 10 years or greater	100% 98% 95%
Negotiable debt obligations issued by the Federal Home Loan Mortgage Corporation (“Freddie Mac”) or the Federal Home Loan Mortgage Association (“Fannie Mae”) or (y) mortgage backed securities issued by Freddie Mac or Fannie Mae but excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service	95%
Any other collateral acceptable to the City in its sole discretion. The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion	The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion.

For example, if a counter party is required to post \$1 million of collateral and wished to use bonds issued by Ginnie Mae with five years remaining to maturity, it would be required to post \$1,020,409 (\$1 million/0.98) to satisfy the collateral requirement.

City of Roseville

General Fund Reserves Policy

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I. INTRODUCTION

The purpose of this policy is to establish targeted levels of General Fund reserves, a basic component of a financially strong city. Adequate reserves help sustain City operations when adverse or unexpected circumstances affect the City, providing resources to minimize service disruption in the event of temporary revenue shortfalls, declared disasters, or unpredicted one-time expenditures. This policy establishes the amounts the City will strive to maintain in the Emergency Reserve, Stabilization Reserve, and Litigation Reserve, and the conditions under which the reserves may be used.

II. BACKGROUND

Financial reserves strengthen the City's financial status and provide valuable resources for managing through economic cycles and addressing unexpected events. Every fund of the City represents a stand-alone financial set of accounts and has its own operating characteristics, financial capabilities, and constraints. The level of reserves needed should be based on the financial and operating characteristics of each fund.

According to the Government Finance Officers Association (GFOA), it is essential that governments maintain adequate levels of fund balance to mitigate current and future risks (e.g., revenue shortfalls and unanticipated expenditures) in order to protect taxpayers and employees from unexpected changes in financial conditions. GFOA recommends, at a minimum, that general-purpose governments, regardless of size, maintain an unrestricted budgetary fund balance in their General Fund of no less than two months of regular general fund operating revenues or regular General Fund operating expenditures (an amount equivalent to 16.67% of the annual budget).

This policy establishes three months of operating costs (25% of annual budgeted General Fund operating costs) as the City's target level of reserves. This targeted level of reserves consists of the City's Emergency Reserve (10% of annual budgeted General Fund operating costs) and the City's Stabilization Reserve (15% of annual budgeted General Fund operating costs). This policy also establishes \$250,000 as the minimum level in the City's Litigation Reserve. The policy also outlines the methods the City will utilize to achieve the target reserve levels, defines the conditions under which these funds can be used and describes how the City's expenditure and/or revenue levels will be adjusted to match any new economic realities that are causing the use of fund balance reserves as a financing bridge.

III. POLICY

A. Minimum and Target Reserve Levels

The City will maintain an Emergency Reserve at a minimum of 10% of budgeted General Fund operating expenditures. Because the City relies on property tax

and sales tax revenue to support over two-thirds of the City's General Fund budget and the negative effects on property and sales tax revenue can be significant during economic downturns, the City will seek to build up and maintain a General Fund Stabilization Reserve equal to 15% of budgeted General Fund operating expenditures as the target reserve level. The Emergency Reserve and Stabilization Reserve shall be reported as commitments of fund balance in the General Fund for external financial reporting. Appropriations from the Emergency Reserve may only be made by a vote of the City Council to meet a critical, unpredictable financial need such as a declared emergency. Appropriations from the Stabilization Reserve may only be made by a vote of the City Council in the event of temporary revenue shortfalls caused by an economic downturn.

B. Methods to Achieve Funding Levels

Funding of the General Fund Reserves will generally come from the adopted budget, year-end excess revenues over expenditures or anticipated one-time revenues. At a minimum, during the budget process, staff shall review the current and five-year projected reserves to ensure that they are appropriate given the economic and financial risk factors the City faces.

C. Criteria for Expenditure of Reserve Funds

The Reserve Funds shall not normally be applied to recurring annual operating expenditures. Appropriation from the Emergency Reserve and Stabilization Reserve Funds requires approval of at least four City Council members. The Litigation Reserve is appropriated annually in the adopted budget.

1. Emergency Reserve

The Emergency Reserve may be used to contend with significant short-term issues such as declared emergencies. It is the intent of the Council to limit use of the Emergency Reserve to addressing unanticipated, nonrecurring needs.

2. Stabilization Reserve

The Stabilization Reserve may be used strategically to allow time for the City to restructure its operation in a deliberate manner as required in an economic downturn while minimizing service disruption. Use of the Stabilization Reserve will only take place in the context of a Council-adopted long-term plan. The Stabilization Reserve is intended to be used to address significant revenue shortfalls that occur during an economic

downturn until the City's operating expenditure and revenue levels are adjusted to eliminate structural deficits.

3. Litigation Reserve

The Litigation Reserve may be used for legal matters that are unforeseen and/or unusual in nature and, as a result, typically require reactive measures such as seeking a budget adjustment and a funding source. Some examples are contract disputes, municipal code enforcement, and other public safety enforcement matters. The purpose of this reserve is to address these situations by allowing for proactive handling and funding of such matters.

D. Timeline for Replenishment of the General Fund Reserves

If the General Fund Reserves are drawn down below the minimum levels, a plan will be developed and implemented to replenish the reserves. Replenishing the reserves will be a priority use of one-time resources. Generally, the City should seek to replenish the Emergency Reserve and the Litigation Reserve within one year and the Stabilization Reserve to the minimum reserve level within three years.

City of Roseville
Capital Improvement Program Rehabilitation
Funding Policy

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III. POLICY 54

I. INTRODUCTION

The City has significant investments in facilities, equipment, software, vehicles, and other assets which require ongoing maintenance and eventual replacement. The CIP Rehabilitation funds, i.e. the General CIP Rehabilitation Fund; the Parks, Recreation and Library Capital Fund; and the Information Technology Replacement Fund, are used to fund infrastructure needs for City buildings, information technology capital replacement, and parks, recreation and library facilities.

II. BACKGROUND

The City performed a thorough analysis of all City assets in 2012 and developed 10-Year Rehabilitation/Replacement plans. The 10-year plans reflected an annual General Fund funding requirement of \$5.6 million, however the actual amount budgeted in FY2017-18 was \$1.5 million leaving an annual gap of approximately \$4 million

The City performs an annual review of the 10-year plans to develop CIP Rehabilitation budget recommendations for the City Manager that includes a prioritized list of capital projects that can be recommended for funding or deferral in conjunction with the adoption of the City's CIP Rehabilitation budget.

The expectation is that the annual average demand will continue to trend upward based on projects being deferred and new replacement costs.

Addressing these infrastructure needs has been a stated priority of the City Council and was reaffirmed at the City Council meeting on February 7, 2018.

III. POLICY

On an annual basis during each budget process, and until the annual required funding level is attained, the General Fund contribution to the CIP Rehabilitation funds shall increase by \$500,000.

City of Roseville Pension Funding Policy

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I. PURPOSE

The City's Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants. The policy also:

- Provides guidance in making annual budget decisions;
- Demonstrates prudent financial management practices;
- Reassures bond rating agencies; and
- Shows employees and the public how pensions will be funded.

II. BACKGROUND

The City provides defined benefit retirement benefits through the California Public Employees' Retirement System (CalPERS). CalPERS is a multiple-employer public employee defined benefit pension plan.

All full-time and certain part-time City employees are eligible to participate in CalPERS. CalPERS provides retirement and disability benefits, annual cost of living adjustments and death benefits to plan members and their beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute.

The financial objective of a defined benefit pension plan is to fund the long-term cost of benefits provided to the plan participants. In order to assure that the plan is financially sustainable, the plan should accumulate adequate resources in a systematic and disciplined manner over the active service life of benefitting employees. This funding policy outlines the method the City will utilize to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants.

Pension Funding: A Guide for Elected Officials, issued by eleven national groups including the U.S. Conference of Mayors, the International City/County Management Association, and the Government Finance Officers Association, established the following five general policy objectives for a pension funding policy:

- **Actuarially Determined Contributions.** A pension funding plan should be based upon an actuarially determined contribution (ADC) that incorporates both the cost of benefits in the current year and the amortization of the plan's unfunded actuarial accrued liability.

- **Funding Discipline.** A commitment to make timely, actuarially determined contributions to the retirement system is needed to ensure that sufficient assets are available for all current and future retirees.
- **Intergenerational equity.** Annual contributions should be reasonably related to the expected and actual cost of each year of service so that the cost of employee benefits is paid by the generation of taxpayers who receives services from those employees.
- **Contributions as a stable percentage of payroll.** Contributions should be managed so that employer costs remain consistent as a percentage of payroll over time.
- **Accountability and transparency.** Clear reporting of pension funding should include an assessment of whether, how, and when the plan sponsor will ensure sufficient assets are available for all current and future retirees.

III. POLICY

A. Actuarially Determine Contribution (ADC)

CalPERS actuaries will determine the City's ADC to CalPERS based on annual actuarial valuations. The ADC will include the normal cost for current service and amortization of any under-funded amount. The normal cost will be calculated using the entry age normal cost method using economic and non-economic assumptions approved by the CalPERS Board of Administration.

The City will review the CalPERS annual actuarial valuations to validate the completeness and accuracy of the member census data and the reasonableness of the actuarial assumptions.

B. Additional Discretionary Payment (ADP) Contribution

The City will consider making ADP contributions with one-time General Fund resources, with the objectives of increasing the plan's funded status, by reducing the unfunded actuarially accrued liability, and reducing ongoing pension costs.

C. Transparency and Reporting

Funding of the City's pension plans should be transparent to vested parties including plan participants, annuitants, the City Council and Roseville residents. In order to achieve this transparency, the following information shall be available:

- Copies of the annual actuarial valuations for the City's CalPERS plans shall be made available to the City Council.
- The City's Comprehensive Annual Financial Report shall be published on its website. This report includes information on the City's annual contributions to the pension systems and their funded status.
- The City's annual operating budget shall include the City's contributions to CalPERS.

D. Review of Funding Policy

Funding a defined benefit pension plan requires a long-term horizon. As such, the City will review this policy at least every five years to determine if changes to this policy are needed to ensure adequate resources are being accumulated.

City of Roseville **Other Post-Employment Benefits (OPEB) Funding Policy**

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I. INTRODUCTION

The purpose of this Funding Policy is to state the overall funding goals for the City of Roseville OPEB Trust. The objective is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. In meeting this objective, the City will strive to meet the following funding goals:

- A. The City plans to continue to fund retiree medical benefits from operations until such a time as those expenses exceed the City's Actuarially Determined Contribution (ADC). At that time withdrawals from the OPEB Trust will be necessary.
- B. The City intends and plans to ultimately achieve full funding of its actuarially determined OPEB contributions by making increasing contributions to the OPEB trust, to the extent feasible, in the context of other competing demands for public services and employee compensation.
- C. Nothing in this funding policy shall constitute an obligation upon the City, nor an implied contract. The City Council may revoke or amend this policy in the best interests of the City.
- D. Funding of the OPEB Trust does not change the City's obligation or intent to fully pay annual medical costs for retirees.

II. BACKGROUND

The City of Roseville has provided a retiree health benefit to its employees for many years. As a cost reduction strategy, this benefit was eliminated for all bargaining unit employees classified as Tier III. Although eliminated for new employees, this benefit still remains in effect for the majority of the City's employees and must be addressed during the annual budget process.

In an effort to address the long term costs of this expense, a trust was created to begin funding this benefit. The process currently in place is to fund all actual retiree expenses incurred in the current year on a pay-as-you-go basis and make additional contributions to the trust fund.

III. POLICY

The City will engage an OPEB actuary to determine the City's ADC based on biennial actuarial valuations. The ADC will include the normal cost for current service and amortization of the under-funded liability. The normal cost is the current year cost of the program to provide the benefit for current employees in the future. The normal cost

will be calculated using the entry age normal cost method using appropriate economic and non-economic assumptions approved by the City.

The City will review the actuarial valuations to validate the completeness and accuracy of the employee census data and the reasonableness of the actuarial assumptions. Actuarial valuations involve estimates and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

The OPEB Funding Policy is comprised on two components. The first component is calculated as a percentage of total salary for the City. Currently the City funds 6% of salary in the General Fund. The policy requires an increase of 1 percentage point each year until the full actuarially determined contribution is attained.

The second component is calculated as a percentage of one-time monies that may or may not be available at each year end. The actual dollar amount of available one-time funds will be presented to Council with a recommendation as to how much is being recommended for contribution to the trust fund. This recommendation will be based on the dollars available, other competing priorities and Council input.

The City will continue to appropriate in the annual budget for the pay-as-you-go costs of OPEB for current retirees and contributions to the OPEB Trust. On an annual basis during each budget process, and until the full annual required contribution is accomplished, the percentage of salary costs to be deposited into the trust shall increase by 1 percentage point. In addition, a portion of any one-time monies remaining at the end of each fiscal year may be deposited into the trust, which amount will be determined by council based on available funds and other priorities.

Funding OPEB requires a long-term horizon. The City will review this policy at a minimum biennially, coincident with preparation of the actuarial valuations, to determine if changes to this policy are necessary to ensure adequate resources are being accumulated to fund OPEB benefits.

City of Roseville
Workers’ Compensation and General Liability
Funding Policy

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I. INTRODUCTION

The Workers' Compensation and General Liability Funding Policy documents the City's approach to providing adequate financial resources to fund the City's Workers' Compensation and General Liability Programs and establishing and maintaining adequate reserves in the Workers' Compensation and General Liability Internal Service Funds.

II. BACKGROUND

The City is self-insured for workers' compensation and for general liability. The Workers' Compensation and General Liability and Programs charge City departments and funds for the costs of providing for claims, as well as for the cost of administering the claims.

III. POLICY

In order to methodically and consistently measure the City's projected claims, the City will contract with a professional outside actuary to prepare annual actuarial valuation reports for both categories of claims. Program funding will be based on the annual actuarial valuation reports.

The City's funding policy will provide program funding at the 75% confidence level, including recognition of anticipated investment income. Confidence level is used by actuaries to determine the realistic possibilities that a given funding rate will be sufficient to cover all claims that might be incurred in any one program year. A 75% confidence level indicates that the funding rate should be adequate 75% of the time.

If either program maintains a balance above the minimum funding requirement, the excess reserves will be used to subsidize City contributions over a 1-5 year period depending upon the amount of the excess and the City's economic condition.

If either program has excess claims requiring additional contributions to the fund, the City will increase contributions over a 1-3 year period depending on the amount of the shortfall and the City's economic condition to get to the minimum funding requirement.

City of Roseville
Interfund Loans Policy

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I. PURPOSE

The City's Interfund Loan Policy documents the methods used by the City to demonstrate prudent financial management over interfund loans. The policy:

- Requires City Council approval of interfund loans, except for short-term working capital loans,
- Permits short-term interfund loans for working capital to cover Council-approved reimbursable grants and projects and other temporary timing differences in cash flows, and
- Prohibits interfund loans from being used to solve ongoing structural budget issues or hindering the accomplishment of any function or project for which the lending fund was established.

II. BACKGROUND

Interfund loans are the lending of cash from one City fund to another for a specific purpose and with a requirement for repayment. The practice of interfund loans is a recognized and necessary aspect of municipal finance. Such loans are typically short-term in nature, and constitute the allocation of resources between individual funds for working capital purposes.

III. POLICY

A. Long-term Loans

Interfund loans, other than short-term working capital loans, must be approved by the City Council. Council approval will include the following terms of the loan:

- Purpose of Interfund Loan
- Identification of the source fund
- Availability of unrestricted funds in the source fund
- Review of multi-year plans for use of source fund cash
- Analysis of legal or contractual restrictions
- Repayment of Interfund Loan
- Repayment must have a payment source and funding stream

- Specific repayment schedule
- Interest imposed at a rate equal to at least investment earnings if loan did not occur
- Other Considerations
- Feasibility of repayment
- Internal controls to monitor repayment

B. Short-term Loans

Short-term interfund loans for working capital to provide cash for Council-approved reimbursable grants and projects, are permitted. Short-term working capital loans are also permitted for temporary timing differences in cash flows when expenditures are incurred before revenue is collected. The source funds for working capital interfund loans are the General Fund and the Automotive Replacement Fund.

C. Prohibited Uses

- Interfund loans will not be used to solve ongoing structural budget issues.
- Interfund loans will not hinder the accomplishment of any function or project for which the lending fund was established.

City of Roseville

Request for Proposals (RFP) Policy

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I. INTRODUCTION

The purpose of this policy is to provide a uniform process for the issuance, evaluation, and selection of competitive proposals for services and/or customized goods.

II. DEFINITION

Request for Proposals (“RFP”) is a competitive proposal process whereby the City solicits proposals from potential proposers. The RFP process is used for requirements in which the desired outcome is known, but it is difficult to define the methodology or the exact materials or services required to achieve the desired results.

Objectives of the RFP process are to:

- A. Describe the City’s requirements and desired outcomes within a written specification;
- B. Solicit proposers for their proposed solutions;
- C. Describe key criteria to be used in the evaluation of proposals;
- D. Outline the terms and conditions under which the proposer(s) will operate or supply goods and/or services.

The City should use its best efforts to ensure that any RFP is as complete and thorough as possible, however should the scope of work or services of any RFP increase by twenty-five percent (25%) or more after publishing the RFP, that RFP should be withdrawn and any proposals rejected and a new RFP should be issued that includes the increased scope of work or services.

III. USE OF AN RFP

- A. Contracts for goods or services with an estimated value greater than the amount stated in Roseville Municipal Code (“RMC”) Sections 4.12.090 and 4.12.095 must be awarded by the use of competitive bids or an RFP, unless exempted by the City Council or law. Contracts for goods or services estimated to be equal or less than the amount stated in RMC Sections 4.12.090 and 4.12.095 may be awarded upon conclusion of informal interviews by representatives of the initiating department and other City staff, including the Purchasing Division (“Purchasing”), or by an RFP, as may be appropriate.
- B. Notwithstanding the foregoing, qualifying goods or services may be procured without issuing a RFP. A qualifying good or service is one where there is only a single source for obtaining the particular good and/or service. Examples of sole

source goods or services include, but are not limited to, patented, copyrighted, licensed items, specialized test equipment/facilities, critical schedule requirements, unique services, and standardized goods or services for which there is only a single source. Prior to contracting with a sole source, the initiating department shall complete the sole source authorization form. Furthermore, with respect to professional services with an estimated amount exceeding the amount stated in RMC Sections 4.12.090 and 4.12.095, such services may not be procured through sole source without the prior authorization of the City Manager and City Attorney.

IV. PUBLIC NOTICE

Public notice of the RFPs shall be given in the same manner as provided in RMC Section 4.12.090.

The originating department (“Department”) should also generate a list of potential proposers to notify and direct them to the RFP section of the City’s website to access the RFP.

V. FORM OF PROPOSAL

- A. City staff must use the City’s latest version of the RFP template for the initial framework of the document and the City’s Purchasing Guidelines should also be referred to. The RFP content should define the Department’s needs and describe the scope of the work, allowing the potential proposer to develop the project details.
- B. Late proposals shall not be accepted, however staff may extend the time for submission of all proposals.
- C. Each proposal must be signed by an authorized representative of the proposer and include the legal name of the proposing organization and the signer’s title. By signing the proposal it is presumed that the signer has authority to bind the proposer to the proposal’s terms.
- D. RFPs are scored based on the criteria presented in the RFP. Proposers may propose any method or process to satisfy the scope of work in the RFP that maximizes responsiveness to the criteria stated in the RFP.

VI. EVALUATION FACTORS

Award of a RFP shall be made to the responsible proposer whose proposal is determined, through a formal evaluation panel process, to be the most advantageous to the City after the evaluation panel has taken into consideration the evaluation factors

set forth in the RFP. A master averaged score sheet shall be created based on the evaluation panel's initial evaluation. Proposals shall be scored according to the criteria stated in the RFP.

Proposals submitted will be reviewed by an evaluation panel. Members of the evaluation panel shall be comprised of City staff and at the option of City may include non-City staff upon approval of the City Manager and City Attorney. After the initial evaluation, proposers that have submitted the best and most complete proposals may be invited to one or more interviews. The number of proposers invited to an interview may vary depending upon the number of proposals submitted.

The RFP may indicate the relative importance of evaluation factors. The following are representative evaluation criteria that may be considered by the Department when preparing a RFP:

- A. Reputation and Experience. Does the proposer have a reputation of being reliable, delivering on schedule, and performing tasks to the satisfaction of his/her clients? Does the proposer have sufficient experience in the kind of work required?
- B. Capability and Availability of Staff. Does the proposer have qualified and experienced staff needed to perform the work?
- C. Understanding of the Problem. Does the proposer demonstrate a thorough understanding of the issues and has it developed a relevant and effective approach?
- D. Proximity of the Proposer. Although no preference shall be given to local businesses, proposer's office and/or staff proximity to City of Roseville offices or work location as it relates to the proposer's ability to be responsive to the project requirements may be considered.
- E. Cost. Whenever possible and appropriate, a proposer's fee or hourly rate should be secured as part of the proposal and considered in the evaluation process. Whenever possible, RFPs should specify methods of submitting proposed costs that can be compared directly with competing proposals.

The City reserves the right to make a selection without interviews; therefore, the proposal should be submitted on the most favorable terms that the proposer might propose.

Should the City elect to conduct interviews with any proposers, the following criteria shall be considered and each proposer ranked by the evaluation panel during the interview process:

- Quality of presentation
- Ability to meet the City's business goals
- Communication style

A contract will be negotiated with the proposer considered best meeting the City's need for the project. In the event a mutually satisfactory contract cannot be negotiated with the City's first choice, negotiations may be terminated and commenced with the proposer considered next best in meeting the City's needs for the particular project.

The selected proposer will be required to execute a City prepared contract. The contract may further refine the scope of services and will provide for the terms and conditions of employment.

Evaluation Score Sheets. Upon a request pursuant to section 1.8 below, a proposer is entitled to a master averaged score sheet that reflects the averaged evaluation scores of the proposers during the evaluation panel's initial evaluation and the ranking of proposers from any interview (individual score sheets and/or notes are temporary and are not retained following a determination of the evaluation panel). The master score sheet and ranking shall be prepared by City staff prior to notifying any proposers of the results.

VII. DISCUSSIONS WITH PROPOSERS AND REVISIONS TO PROPOSALS

- A. As provided in the RFP, discussions may be conducted with responsible proposers. These discussions shall be for the purpose of clarification to assure full understanding of, and responsiveness to the solicitation requirements. The proposers shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals, and such revisions may be permitted prior to the evaluation panel's determination of the award recommendation for the purpose of obtaining best and final proposals. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing proposers.
- B. After the evaluation panel has determined the proposer(s) to be recommended for award, the Department may enter negotiations with the recommended proposer(s) to finalize proposed services and price before the evaluation panel's formal notice of intent to award is made.

VIII. AWARD PROCESS

- A. The award is made to the proposer(s) that is determined to best meet the overall needs of the City. For contracts for goods or services with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095, the

award of such contract is expressly contingent upon City Council approval and the availability of funds. City staff may not legally bind the City to a contract with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095.

- B. Rejection of RFP. The City reserves the right to reject any or all proposals, to waive defects or irregularities in any proposal or in the RFP process, and to offer to negotiate or contract with any proposer(s) in response to any RFP. RFPs do not constitute any form of offer to contract.
- C. Multiple Award. The City reserves the right to award the contract to multiple proposers when applicable.
- D. A formal notice of the intent to award to the recommended proposer(s) shall be made by the Department.

IX. PUBLIC DISCLOSURE

In accordance with the California Public Records Act, proposals submitted in response to a RFP, master averaged score sheets from the initial evaluation, and/or rankings from any interview shall be made available upon a public records request only after: (1) the proposal evaluation process is complete, (2) a contract has been negotiated, and (3) notice of intent to award has been made and/or the contract is placed on a City Council meeting agenda.

X. PROTESTS

A. Protest Requirements

- 1. Any proposer who is aggrieved in connection with the solicitation or award of a contract may file a protest with the City Clerk's office. The protest must be received in writing by the City Clerk's office within seven (7) calendar days after such aggrieved proposer 1) knows or should have known of the facts giving rise thereto or 2) the date of the notice of intent to award, whichever is sooner. In no event shall a protest be allowed after an award has been made by City Council. If the seventh calendar day falls on a weekend or City holiday, the protesting party may submit the protest prior to close of business on the first business day following such weekend or holiday. Failure to submit a timely protest shall bar consideration of a protest.
- 2. RFPs must include a notification to prospective proposers of this protest policy.

3. Departments must notify and consult with Purchasing and the City Attorney's Office immediately upon becoming aware of any potential or actual protest. In the event of a proper protest, the RFP process shall be stayed pursuant to Section X (D) of this Policy.

B. Grounds for Protest

1. The alleged grounds for protest shall be limited to the following: (a) computation errors, (b) violations of local, state, or federal law, or (c) the City failed to follow the procedures specified in this Policy.
2. The protest shall state all grounds claimed for the protest and include supporting documentation. Failure to clearly state the grounds for the protest and provide supporting documentation shall be deemed a waiver of all protest rights.

C. Administrative Review

Upon receipt of the protest in accordance with Section X (A), and after determining the protest was properly filed, the Department Director shall provide a copy of the protest to other proposers who might become aggrieved as a result of the protest and issue a written decision within fourteen (14) calendar days after receipt of the protest. The protest will be evaluated by the Department Director, the City Attorney's Office, and the Purchasing Manager. The protesting proposer shall promptly provide any information requested by City staff as part of such investigation. The decision shall either deny or uphold the protest and include reasons for the decision. The written decision shall be final.

D. Stay of Action during a Protest

In the event a protest is filed under Section X, the City shall not proceed further with the award of the contract until the protest is resolved, unless:

1. The City Manager or designee makes a determination that the award of the contract without delay is necessary to protect a substantial interest of the City, or
2. The City decides to reject all proposals and issue a new RFP.



COUNCIL COMMUNICATION

CC #: 9973

File #: 0800-03 & 0215

Title: Electric Backbone Mitigation Fee Reduction Proposal
Contact: Eric Campbell 916-774-5626 ecampbell@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 10.1.

RECOMMENDATION TO COUNCIL

Staff recommends that City Council introduce for first reading, an ordinance approving Roseville Municipal Code amendments to adjust the Electric Backbone Mitigation Fee as detailed in the attached consultant prepared nexus study.

BACKGROUND

The Electric Backbone Mitigation Fee is paid by developers and recovers the City's cost of constructing and improving the electric backbone system. The backbone of an electric distribution system are substations and high voltage lines that are necessary to provide electricity to all customers. As stated in Municipal Code Chapter 4.54, the intent of the fee is to spread costs of electric system infrastructure to those who create the need for such infrastructure, without burdening rate-payers or generating any surplus to either the General or Electric funds.

The City hired an electric utility consultant, Utility Financial Solutions (UFS), to perform a nexus study of the current backbone fee. The analysis by UFS considered the currently planned Capital Improvement Project (CIP) expenses for the backbone system that are subject to being recovered, and the currently planned development that will be in place once all specific plans in the city are built out.

A similar study was last done in 2012. Since then, Roseville Electric's planned CIP expenses and expected customers at build-out of specific plans have both changed. For residential development, the updated analysis shows that the Electric Backbone Mitigation Fee for single-family and multi-family units will decrease by approximately \$218 and \$159 respectively.

For all commercial and industrial development, the service panel rating is used to determine the backbone fee is for a new building. Based upon a customer's service panel rating, measured in kVA (kilo-volt amps), the Electric Backbone Mitigation Fee will decrease by \$40. For context, with this proposal the backbone fee on a new 100,000 square foot office building would decrease by almost \$80,000.

This Backbone Fee reduction proposal was presented to the Roseville Public Utilities

Commission on April 26, 2019. The Commission voted unanimously to recommend that the City Council adopt the fee reduction proposal.

FISCAL IMPACT

Although the Electric Backbone Mitigation Fee is being reduced, there is no anticipated net fiscal impact to the City as the reduced revenues are offset by reduced expenses.

ECONOMIC DEVELOPMENT / JOBS CREATED

The proposed 30% fee reduction may assist the City with its ongoing economic development efforts.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical changes in the environment (CEQA Guidelines §15061(B)(3)). Amendments to the Roseville Municipal Code do not include the potential for a significant environmental effect, and therefore are not subject to CEQA.

Respectfully Submitted,

Philip McAvoy, Assistant Electric Utility Director

Michelle Bertolino, Electric Utility Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

RMC changes (redline)

UFS Consultant Report

ORDINANCE NO. ____

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTIONS
4.54.020 AND 4.54.050 OF CHAPTER 4.54 OF TITLE 4 OF THE ROSEVILLE MUNICIPAL
CODE REGARDING ELECTRIC BACKBONE MITIGATION FEE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 4.54.020 of Chapter 4.54 of Title 4 of the Roseville Municipal
Code is hereby amended to read as follows:

4.54.020 Definitions.

The following words are defined for purposes of this chapter as follows:

- A. “Building permit” means the permit issued or required by the city for the construction of any structure pursuant to and as defined by the building code.
- B. “Capital improvement program” means that list of proposed electric system facilities, improvements, or infrastructure totaling \$~~81,371,000.00~~28,650,000 referenced in the ~~2013~~2019 UFS Study.
- C. “Department” means the electric utility department.
- D. “Director” means the director of the department.
- E. “Facilities” mean those electric system facilities or infrastructure shown and included on the capital improvement program.

F. “Improvement plan” means a site plan of property proposed for development showing all required improvements that must be approved by the city prior to the issuance of a building permit for the property.

G. “Fee” or “electric backbone mitigation fee” or “backbone fee” means the fee established by this Chapter 4.54. The fee shall be collected prior to the approval of any building permit. The fee shall be used solely to finance the facilities. The fee as codified in this chapter has previously been imposed for the same purposes, pursuant to motion of the city council.

H. “Study” or “System Study” means the ~~2013~~2019 UFS Consultant Study. The Study is on file in the office of the city clerk.

SECTION 2. Section 4.54.050 of Chapter 4.54 of Title 4 of the Roseville Municipal Code is hereby amended to read as follows:

4.54.050 Electric backbone mitigation fee.

The electric backbone mitigation fee shall be:

Type of Development	Amount of Fee
Apartments, condominiums, townhouses and mobile homes	\$469.22 <u>\$360.95</u> per dwelling unit
Other residential units including single-family homes	\$645.18 <u>\$496.31</u> per dwelling unit
General service (all other commercial/office/industrial)	\$117.31 <u>\$90.24</u> per kVA

SECTION 3. This ordinance shall be effective July 1, 2019.

SECTION 4. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Executive Report

**CITY OF ROSEVILLE
ELECTRIC DEPARTMENT**

Electric Backbone Mitigation Fee Analysis

April 2019

April 2019

Mr. Eric Campbell
Electric Financial Administrator
Roseville Electric

Dear Mr. Campbell;

We are pleased to present this executive summary report identifying our procedures and recommendations on charges for new electric customers to mitigate future backbone costs of the City of Roseville's Electric Department (Roseville Electric). This report was prepared to provide Roseville Electric with a comprehensive examination of its existing Backbone Mitigation Fee structure by an outside party. Utility Financial Solutions (UFS) has taught courses and webinars through the American Public Power Association on the various methods used by electric utilities to design rates and is a leading provider for the service in the Nation. As a result of our reputation we are also the instructors for Cost of Service and Financial Planning Courses offered through the American Public Power Association (APPA) and the National Association of Regulatory Utility Commissions (NARUC). UFS is the preferred financial services firm and partner with APPA's Hometown Connections and has completed cost of service studies in 34 states, Guam and the Caribbean.

The specific purposes of this analysis are:

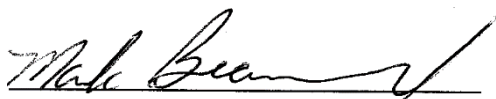
- Review and evaluate Roseville's updated Electric Backbone Fee calculation that includes planned capital improvement projects and new development expectations
- Provide pros and cons of current fee calculation method

This report includes detailed updates to the 2012 Backbone Fee calculation conducted by Roseville Electric staff and reviewed by Utility Financial Solutions, LLC. In summary, study results provided in the following pages of this report recommend a decrease of 30% to current Backbone Mitigation Fees as noted below.

Customer Class ⁽¹⁾	Current kVA Fee	Billing Method	Proposed kVA Fee
RSF (Residential Single-Family)	\$ 714.47	Per home	\$ 496.31
RMF (Residential Multi-Family)	\$ 519.61	Per dwelling	\$ 360.95
GS (Commercial/Industrial)	\$ 129.90	Per kVA	\$ 90.24

This report is intended for information and use by management for purposes stated above and is not intended to be used by anyone except the specified parties.

Sincerely,



Utility Financial Solutions, LLC
Mark Beauchamp
CPA, MBA, CMA

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Appendix A (Strength/Weakness Analysis)

INTRODUCTION

This report is an update to the analysis of the current Backbone Mitigation Fee conducted in 2012. The Backbone Mitigation Fee is a charge for new customers to connect into the distribution system based on the relationship between future costs and the impact new customers have on future expansion costs. The purpose of the Backbone Mitigation Fee is to prevent existing customers from experiencing increased electric rates due to capital expenditures directly related to the addition of new customers.

CURRENT BACKBONE MITIGATION FEE

The Backbone Mitigation Fee was developed in 2012 and adjusted annually by the construction cost index to the Current kVA Fee as listed below:

Customer Class ⁽¹⁾	2012 kVA Fee	Billing Method	Current kVA Fee ^[3]
RSF (Residential Single-Family)	\$ 645.18	Per home ⁽²⁾	\$ 714.47
RMF (Residential Multi-Family)	\$ 469.22	Per dwelling ⁽²⁾	\$ 519.61
GS (Commercial/Industrial)	\$ 117.31	Per kVA	\$ 129.90

Note: [1] Customer Class as defined in Land Use Designations per Roseville General Plan and Muni Code 4.54.040

[2] based on average dwelling unit or home

[3] Adjusted annually by construction cost index (CCI)

BACKBONE MITIGATION FEE STRUCTURE

Below is a summary of the proposed backbone fee structure.

1. Multi-Family Residential (Apartments, Condominiums, townhouses and mobile homes) – The proposed fee maintains a “per dwelling unit” fee structure and is based on average number of kVA units required per dwelling then multiplied by the determined cost per kVA.
2. Single-Family Residential (Residential units including single family homes) – The proposed fee maintains a “per dwelling unit” fee structure and is based on average number of kVA units required per dwelling then multiplied by the determined cost per kVA.
3. Commercial and Industrial facilities – The proposed fee is based on the number of calculated kVA units established on the installed service panel rating at the customer’s location. This method provides a representation of how new customers consume capacity from the system and is determined by taking the calculated kVA value and multiplying it by the determined cost per kVA.

BACKBONE MITIGATION FEE ANALYSIS:

The following steps were followed to determine the Backbone Mitigation Fee for Roseville Electric:

- A. Projected capital expansions and unrecovered Capital Improvement Project (CIP) costs
- B. Projected system growth
- C. Capacity available to grow
- D. Average cost per kVA of system expansion
- E. Backbone Mitigation Fee requirement by customer

A. PROJECTED CAPITAL EXPANSIONS & UNRECOVERED CIP COSTS

The Backbone Mitigation Fee includes capital projects at the 60kV level or greater where assets are built, upgraded or replaced to account for growth over the projected life of the asset. The capital plan below in Table 1 was provided by Roseville Electric and identifies projects planned from 2019 to 2024 and includes unrecovered CIP costs incurred prior to 2019 in which capacity remains available to grow in the backbone system.

Table 1 – Planned CIP Project Costs

Planned CIP Project Costs (2019-2024) as of January 2019

Project Description	Total CIP (2019)	% Allocated to New Dev	\$ Allocated to New Dev
SIERRA VISTA SUBSTATION	\$ 10,580,000	75%	\$ 7,935,000
FIDDYMENT KY4A ADDITION [1]	5,030,000	0%	\$ -
CREEK VIEW SUB/60 KV EXTENSION	11,000,000	75%	\$ 8,250,000
VERNON SUBSTATION UPGRADE[2]	2,040,000	20%	\$ 408,000
CIP PROJECT TOTALS	\$ 28,650,000		\$ 16,593,000

Note [1] : Fiddymment KY4A Transformer Addition is being done for system reliability and as such is not allocated to new development

Note [2] : Vernon Substation Upgrade is only partially due to growth in Downtown but mainly due to the age of existing equipment so only 20% of the project will be allocated to new development

B. PROJECTED SYSTEM GROWTH

System growth projections were provided by Roseville Electric and are summarized on the following page. Table 2 identifies projected residential growth by dwelling unit for each the Residential Multi-Family (RMF) and Residential Single-Family (RSF) units. This includes growth to build-out capacity that is currently available in the system and new growth included in the projected capital improvement plans identified in Table 1. To keep the Backbone Mitigation Fee less complicated, residential growth is projected by dwelling unit or household to result in an average per unit cost, while General Service (GS) is projected at a cost per kVA due to variation in size of customer connections.

Table 2 – Projected Residential Growth by Multi and Single-Family Units

Build-out Values by Specific Plan (as of February 2019)	Single-Family (units)	Multi-family and Comm. Mixed Use (units)
<u>New Specific Plans Build-out Values</u>		
Amoruso Ranch	1,844	983
Creekview	1,464	547
Sierra Vista	5,557	2,601
<u>Existing Specific Plan Build-out Values</u>		
Downtown Specific Plan	51	1,772
Riverside Gateway Specific Plan	91	158
West Roseville Specific Plan	2,389	2,086
North Industrial	137	41
North Roseville Specific Plan	34	210
North Industrial Plan Area (includes Campus Oaks)	490	458
North Central Roseville Specific Plan	238	-
Northwest Roseville Specific Plan	63	2
Northeast Roseville Specific Plan	10	225
Southeast Roseville Specific Plan	61	55
Infill	637	(139)
TOTAL New Units (Customers)	13,066	8,999
Avg Peak kVA per Unit	5.50	4.00
Peak Demand (kVA)	71,863	35,996

C. CAPACITY AVAILABLE TO GROW (kVA)

Projected capacity was provided by Roseville Electric and Table 3 is a summary of total kVA available to new customers of the system including capacity that remains in the current system from past capital projects and the projected capacity included in the CIP plan.

Table 3 – Projected kVA available to new customers

<u>Current and Projected kVA</u>			
a	System MVA (transformers in ground)	693.0 MVA	
b	Current System kVA	693,000 kVA	b = (a*1,000)
c	Usable kVA factor	0.75	
d	Current system available kVA	519,750 kVA	d = (b*c)
e	System currently unused kVA	78,804 kVA	
f	System currently used kVA	440,946 kVA	f = (d-e)
g	kVA to be recovered from Existing Substations ^[1]	78,804 kVA	g = (e)
h	kVA to be recovered from New Substations ^[2]	105,075 kVA	
i	Total kVA's to be Recovered	183,879 kVA	i = (g+h)

Note [1]: kVA that remain available in the current system

[2]: kVA to be added in the system per the current CIP plan

D. AVERAGE COST PER KVA OF SYSTEM EXPANSION

Table 4 below calculates an average cost per kVA by dividing the assigned CIP costs for growth by the total kVA units available to new growth.

Table 4 – Determination of charge per kVA

Customer Class	Capital Costs assigned to growth	kVA to be recovered from Existing Substations	Charge per kVA
ALL	\$ 16,593,000	183,879	\$ 90.24

E. BACKBONE MITIGATION FEE REQUIREMENT BY CUSTOMER

A “Per kVA” method was calculated to identify charges based on the number of calculated kVA units established on the installed service panel rating at the customer’s location. This method provides a representation of how new customers consume capacity from the system. Table 5 provides a summary of projected kVA growth by each Residential (RMF,RSF) class and General Service (GS) class. An average residential peak kVA was provided by Roseville Electric and is used to determine projected residential kVA units of this customer class. Any policy or fee may note that residential units which are smaller or larger than average should be reviewed by the utility. General Service (GS) or Commercial/Industrial kVA were determined based on the number of kVA units remaining after application of residential growth.

Table 5 –Projected System Growth by Customer Class

Customer Class	Customer Units Served by Existing Capacity	Customer Units Served by New Capacity	TOTAL New Customers
RSF (Residential Single-Family)	4,201	8,865	13,066
RMF (Residential Multi-Family)	4,868	4,131	8,999
TOTAL New Units (Customers)	9,069	12,996	22,065

Customer Class	kVA Served by Existing Capacity	kVA Served by New Capacity	TOTAL New kVA
RSF (Residential Single-Family)	23,106	48,758	71,863
RMF (Residential Multi-Family)	19,472	16,524	35,996
GS (Commercial/Industrial)	36,227	39,794	76,020
TOTAL kVA units Available	78,804	105,075	183,879

Projected cost recovery is calculated in Table 6 on the following page. New residential connections are based on a flat fee and commercial/industrial are a per installed kVA fee. The residential flat fee is determined using average kVA per installation as identified in Table 2 and the average charge per kVA identified in Table 4. The kVA fee is then multiplied by the projected number of new customers or kVA (based on customer class) to identify the projected recovery that is equal to total costs identified in Table 1.

Table 6 – Revenues Generated from kVA based rate

Customer Class	Approximate kVA per Customer	Projected # of New Customer or kVA units	kVA Fee per Customer Unit	Total Recovery from kVA Fee
RSF (Residential Single-Family)	5.50	13,066	\$ 496.31	\$ 6,484,823
RMF (Residential Multi-Family)	4.00	8,999	360.95	3,248,232
GS (Commercial/Industrial)	1.00	76,020	90.24	6,859,945
Estimated Recovery based on kVA units				\$ 16,593,000
CIP Costs assigned to growth				\$ 16,593,000
Recovery Over(Under)				\$ -

Significant Assumptions

The following assumptions are made in development of the Backbone Mitigation Fee report:

- 1) Planned CIP** – Project Costs planned between 2019-2024 as provided by Roseville Electric
- 2) Projected kVA** – Available kVA projections from Roseville Electric to account for all known new substation kVA included in planned upgrades and remaining available kVA where development is left to be built-out.
- 3) System Growth** – Long term growth as provided by Roseville Electric
- 4) Future fee adjustments** – The backbone fee should be reviewed on a regular basis to ensure it represents projected costs included in the capital improvement plans.
- 5) Inflationary Adjustments** - The Backbone Mitigation Fee should continue to be reviewed and adjusted annually per Muni Code 4.54.140: The Construction Cost Index (CCI) inflationary fee adjustment.
- 6) Customers at 60kV or higher** - All backbone fees associated with customers taking service at this level shall be negotiated prior to their interconnection. This level customer will not be subject to backbone rates identified in this report.

Summary

The following table is a summary of the proposed Backbone Mitigation Fees by customer class

Customer Class ^[1]	PROPOSED kVA Fee by Customer Class	Billing Method	CURRENT ^[3] kVA Fee by Customer Class	Percent Change
RSF (Residential Single-Family)	\$ 496.31	per home ^[2]	\$ 714.47	-30.5%
RMF (Residential Multi-Family)	\$ 360.95	per dwelling ^[2]	\$ 519.61	-30.5%
GS (Commercial/Industrial)	\$ 90.24	per kVA	\$ 129.90	-30.5%

Note: [1] Customer Class as defined in Land Use Designations per Roseville General Plan and Muni Code 4.54.040

[2] based on average dwelling unit or home

[3] Adjusted annually by construction cost index (CCI)

Appendix A – Strength/Weakness Analysis

In the prior (2012) backbone fee calculation and in accordance with AB1600, three separate methods for calculating the backbone fee were examined:

- kVA based
- Equity Based
- Equity and kVA based

The kVA based method was determined to be the most equitable as it is tied directly to a customer's impact on the power delivery system. This method is also "forward looking" and more representative of the actual forecasted costs.

For these same reasons, the kVA based methodology was chosen for the backbone fee analysis described in this report.



COUNCIL COMMUNICATION

CC #: 9976

File #: 0215

Title: Master Schedule of User and Regulatory Fees Adoption
Contact: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 10.3.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council adopt a resolution adopting the master schedule of user and regulatory fees effective July 1, 2019 through June 30, 2020.

BACKGROUND

The City's schedule of user and regulatory fees identifies fees for services and activities provided at the request of, or on behalf of, a single party as opposed to the public at large.

The fee schedule is intended to be reviewed annually, with staff conducting bi-annual studies to identify the City's cost of providing fee-related services based on current labor rates and service delivery methods. The last cost of service study to set user fees was completed in 2018.

In interim years, fees are authorized to be adjusted based on the CPI change from October to October of the immediately preceding year. The Consumer Price Index for San Francisco-Oakland-Hayward from October 2017 to October 2018 increased by 4.36%. The proposed fee schedule, effective July 1, 2019 through June 30, 2020, is based predominantly on this interim step of inflationary adjustments.

To ensure the schedule of user and regulatory fees best conforms to prevailing practices, lead departments have also considered several discrete, non-inflationary adjustments to fees, which are included in the proposed fee schedule.

User and regulatory are established by the City Council. The existing fee schedule was adopted on May 2, 2018, via Resolution No. 18-116 and last amended with Resolution No. 18-455 on November 7, 2018. Council approved the Finance Director (now Chief Financial Officer) to make annual inflationary adjustments based on the CPI change from October to October.

PUBLIC HEARING

This item and staff's recommendations are intended to be considered upon completion of a public hearing. The public hearing provides all interested parties with an opportunity to comment or

request clarification regarding any of the fees proposed for update. Prior to the public hearing, the City publishes a newspaper notice of the public hearing, and notifies all interested parties that have requested to be notified regarding proposed fee updates.

PROPOSED ADJUSTMENTS

The following provides a brief summary of primary changes the City Council is being asked to consider:

Summary of Changes to Fees

Description	Count	Percentage	Note
Fees Proposed to Remain Unchanged	173	41%	[a]
Fees Proposed to Increase by Less than 5% or Less than \$5	234	56%	
Fees Proposed to Increase by More than 5%	10	2%	
New Fees Proposed	2	1%	
Total Fees Examined	419	100%	

* Amounts in the percentage column are rounded for illustrative purposes.

[a] For this table, fees includes fee multipliers that City staff may use to aid in the calculation of fees. Modification of fee multipliers directly influences total fees, consequently they are included in this table.

Fees Proposed to Increase by More than Five Percent (5%)

The City Council has authorized annual adjustments of up to ten percent (10%) for certain planning entitlement fees in cases where there was significant under-recovery of costs. Instead of an immediate adjustment to reach targeted cost recovery levels for planning entitlement fees, the Council has directed on-going annual adjustments until targeted cost recovery levels are reached. Following the approved schedule of phased increases to meet Council-targeted cost recovery levels, the following fees will be increased as noted:

- Development Agreement Review/Compliance Fee (10% increase)
- Public Utility Easement Abandonment/General Vacation (5% increase)
- Subdivisions/Condominiums: Grading Plan-Minor, Grading Plan-Major, Lot Line

Adjustment,

extension to a Tentative Map, and Voluntary Merger (10% increase)

Increases of more than 5% are also proposed for:

- Special Event Permit/Application Fees
 - These fees currently achieve significantly less than full cost recovery. Staff is phasing in increases over a multi-year period. Proposed fee increases are \$10 for minor events and filming and \$50 for major events and filming
- Solar Energy Program Meter Upgrade Charge-Residential - fee recalibrated to achieve full cost recovery
- Supplemental Law Enforcement Services/Hourly Rates for Police Department-fees updated to correspond to changes in labor costs

Continuation of Technology Fee

The technology fee applicable to building permits, fire permits, improvement plan, and entitlement fees is proposed for continuance at a level of 3% of base permit fee. Continued collection of the fee will be used to offset costs of planned upgrades and annual maintenance of the City's Accela permit tracking system. This fee was originally authorized for collection in 2012.

New fees

Two new fees are proposed that will allow the City's Housing Division to recover the costs of tasks it performs for affordable purchase loans in the community. The City does not currently collect a fee for these services. Lead departments have developed supporting cost of service justification for activities for which new fees for service should be added to the Master Fee Schedule:

- Reconveyance Fee; \$332 per occurrence
- Subordination Fee; \$386 per occurrence

FISCAL IMPACT

The fiscal impact of the proposed fee changes is approximately \$265,000 in additional revenue. It is important to note that while adjusting fees will provide a fiscal impact in the form of additional revenue, the revenue is not intended to be used to fund new services, rather the revenue is intended to offset the costs of providing existing services that are recoverable from fees. Consequently, while fees may rise annually, typically labor costs (the primary driver of fee-related costs) also rise annually. Recalibration of these fees simply provides an offset of existing expenditures/needs rather than a source of funding for expanded service levels.

ECONOMIC DEVELOPMENT / JOBS CREATED

Periodically adjusting fees to recover some or all of the costs of providing services provides multiple benefits including, but not limited to:

- Increasing the availability of General Fund revenues to be used for services and activities available to all Roseville residents and businesses, such as public safety services or citywide economic development initiatives.
- Avoiding fee spikes that are more likely to occur when municipalities leave fees unchanged for a multi-year period.
- Providing fee payers (e.g. developers and residents), city staff, and city policymakers with a pattern of consistency that provides information for forecasting and decision-making purposes.

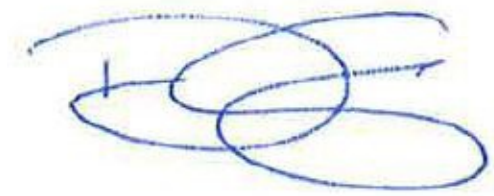
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The adoption of the Master Schedule of User and Regulatory Fees does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Jeannine Thrash, Administrative Analyst

Dennis Kauffman, Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a final horizontal stroke.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Public Hearing Notice

Resolution No. 19-179

Exhibit A - Fee Schedule

Before and After comparison

Cost of Service

NOTICE OF PUBLIC HEARING

Notice is hereby given that on **May 1, 2019** at 7 pm, or as soon thereafter as the matter may be heard, the **City Council** of the City of Roseville will hold a Public Hearing at **the City Council Chambers located at 311 Vernon Street, Roseville, CA** to consider adoption of various user and regulatory fees. If adopted, the revised fees will be effective July 1, 2019 through June 30, 2020.

For further information contact the City's Chief Financial Officer, Dennis Kauffman at (916) 774-5200. Written communications may be directed to: City Council, 311 Vernon Street, Roseville, CA 95678.

If you challenge the decision in court, you may be limited to raising only those issues you or someone else raised at the Public Hearing described in this notice, or in written correspondence delivered to the City Clerk at, or prior to the Public Hearing.

ROSEVILLE CITY COUNCIL

Sonia Orozco, CMC City Clerk

Dated:

Publish:

RESOLUTION NO. 19-179

ADOPTING A MASTER SCHEDULE OF USER AND REGULATORY FEES,
EFFECTIVE JULY 1, 2019 THROUGH JUNE 30, 2020

WHEREAS, user and regulatory fees are established by the City Council; and

WHEREAS, adopting a master schedule of user and regulatory fees allows for consolidation of the schedule of fees and helps formally continue a pattern on annual review and update, including annual inflationary adjustments; and

WHEREAS, staff recommends adopting the Schedule of User and Regulatory Fees, effective July 1, 2019 through June 30, 2020, attached hereto as Exhibit "A;" and

WHEREAS, staff further recommends authorizing the Chief Financial Officer to make annual inflationary adjustments for various fees identified in the Schedule of User and Regulatory Fees based on all-urban Consumer Price Index (CPI) for the San Francisco-Oakland-Hayward area; and

WHEREAS, inflationary adjustments will be based on the CPI change from October to October of the immediately preceding year; and

WHEREAS, if the CPI does not change or goes down, no change shall be made to the fee schedule for that year unless an adjustment is made to targeted cost recovery levels or fee study findings indicate that an adjustment is appropriate; and

WHEREAS, staff further recommends authorizing the Chief Financial Officer to make annual adjustments of up to ten percent (10%) for various planning entitlement fees identified in the Schedule of User and Regulatory Fees until said fees reach the targeted recovery rates adopted by Resolution No. 05-176; and

WHEREAS, once the planning entitlement fees reach targeted recovery rates, staff recommends that the Chief Financial Officer apply annual inflationary adjustments to these planning entitlement fees based on the all-urban Consumer Price Index (CPI) for the San Francisco-Oakland-Hayward area as described previously herein; and

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said schedule of User and Regulatory Fees, effective July 1, 2019 through June 30, 2020 is hereby adopted.

BE IT FURTHER RESOLVED, the Chief Financial Officer has authority to make annual inflationary adjustments for various fees identified in the Schedule of User and Regulatory Fees based on the all-urban Consumer Price Index (CPI) for the San Francisco-Oakland-Hayward area.

BE IT FURTHER RESOLVED, the Chief Financial Officer has authority to make annual adjustments of ten percent (10%) for various planning entitlement fees identified in the Schedule of User and Regulatory Fees until said fees reach the targeted recovery rates adopted by Resolution No. 05-176, after which, the Chief Financial Officer has authority to make annual inflationary adjustments for planning entitlement fees identified in the Schedule of User and Regulatory Fees based on the all-urban Consumer Price Index (CPI) for the San Francisco-Oakland-Hayward area.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Schedule of User and Regulatory Fees
Effective July 1, 2019 through June 30, 2020

Fee Category	Page
1 Administrative Fees	3
2 Revenue and Finance Fees	5
3 Utility Customer Billing, Accounting, and Service Fees	6
4 Planning (Entitlement) Fees	7
5 Development Services Engineering and Encroachment Permit Fees	11
6 Trench Cut Recovery Fees	13
7 Building Fees	14
8 Development Impact Fee Deferral Fees	24
9 Housing Fees	25
10 Electric Fees	26
11 Environmental Utilities Fees	27
12 Fire Prevention Fees	29
13 Police Department Fees	34
14 Animal Licensing and Permit Fees	37
15 Oversize Vehicle Permit Fees and Building Moving Permit Fees	38
16 Parking Permit Fees	39
17 Special Event, Film, and Banner Permit Fees	40
18 Parks, Recreation, & Libraries Department Fees	41

Administrative Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
	City-Wide Records				
1	Documents				
	a) 8.5 x 11 - Black and White	No Charge			N
	i) 0 - 9 Copies	\$0.10	per page		N
	ii) 10+ Copies	\$0.20	per page		N
	b) 8.5 x 14 and 11 x 17 - Black and White	\$0.50	per page		N
	c) Color Copies				
	i) 8.5 x 11	\$1	per page		N
	ii) 11 x 17	\$2	per page		N
	iii) 18 x 24	\$3	per page		N
	iv) 24 x 36				
2	Photos	\$1	per copy		N
3	Recordings	\$6	each		N
4	Agenda Subscription				
	a) 6 Months	\$20			N
	b) 12 Months	\$40			N
5	Budget Book				
	a) Available on City website	No charge			N
	b) Hardcopy	Actual cost or per page fee			N
6	Requests Requiring Special Programming or Formatting	Actual cost		[a]	N
	Passport				
7	Passport Processing Fee	\$35		[b]	N
8	Passport Photo Fee	\$12			Y
9	Passport Express Postage	Actual postage cost			N
	Notary				
10	Notary Charge	\$15	each		N
	Subpoena				
11	Subpoena Fees	Fees Vary - See Note		[b]	N
	Election				
11	Candidate Nomination Filing Fee	\$25	per filing	[b]	N
12	Fee for Late Filing of Reports of Campaign Contributions and Expenditures	See Note		[c]	N
	Amplified Sound				
13	Sound Permit	\$25			Y

Administrative Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
14	Franchise Application				
	Franchise Application Fee				
	a) Refuse Hauler	\$260	two-year term		N
	b) Community Antenna Television System	\$100			N
	c) All Others	\$150			N

[a] Fee for preparation of reports/formats that need to be generated by the City because they are not typically maintained. Amounts charged will include a pass-through of any vendor costs incurred.

[b] Maximum fees established by State/Federal agencies.

[c] See Roseville Municipal Code Fine Schedule and/or Roseville Municipal Bail Schedule.

City of Roseville
Schedule of User and Regulatory Fees

Revenue and Finance Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Short Term Rental Application Fee	\$185		[a]	N
2	Short Term Rental Renewal Fee	\$85	per application		N
3	Delinquent fee (percentage of renewal fee)	60% (or \$51)	per application	[b]	N

[a] Fees are approved by the Chief Financial Officer.

[b] Delinquent fees are charged if the renewal fee is received more than 30 days past original expiration date.

Utility Customer Billing, Accounting, and Service Fees

Fee Description		FY 19-20 Fee	Y'rly In'fltr
1	Reestablishment Fee - Residential Electric		
	a) During Normal Hours	\$40	N
	b) After Hours	\$85	N
2	Reestablishment Fee - Commercial Electric		
	a) During Normal Hours	\$150	N
	b) After Hours	\$175	N
3	Reestablishment Fee - Water	\$150	N
4	Returned Check/ABD/ACH Fee (for first dishonored check or EFT)	\$25	N
5	Subsequent Returned Check/ABD/ACH Fee (after the first dishonored check or EFT)	\$35	N
6	Late Payment Fee	5% of late balance	N
7	Unauthorized Service Reconnect Fee	\$50	N
8	Utility Bill Reprint Fee	\$1	N
9	Access Fee	\$50	N
10	Same Day Service	Equal to Reestablishment Fee	N

Planning (Entitlement) Fees

Fee Description		FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
Appeals					
1	Planning Director's Decision	\$1,479			Y
2	PC/DC Decision to City Council	\$1,384			Y
Annexations					
1	Annex/PZ/Detach/SOI		\$20,000		Y
Development Agreements (DA)					
1	Adoption of DA		\$20,000		Y
2	Amendment of DA		\$20,000		Y
3	Associated with Affordable Housing	\$2,694			Y
4	Associated with Single Topic Item	\$6,283			Y
5	Development Agreement Review/Compliance Fee	\$1,727		[a]	Y
Environmental Review					
1	Exemption Without Initial Study	\$398			Y
2	Exemption With Initial Study	\$937			Y
3	Negative Declaration with No Mitigation	\$1,406			Y
4	Tiered Negative Declaration with Mitigation	\$2,801			Y
5	EIR Deposit		\$20,000		Y
General Plan Amendment (GPA)					
1	GPA 10 Acres or Less, Map/Text		\$10,000		Y
2	GPA 10+ Acres, Map/Text		\$17,000		Y
3	GPA - Text Policy Amend		\$15,000		Y
Public Utility Easement Abandonment					
1	Summary Vacation	\$3,114			Y
2	General Vacation	\$4,648			Y
Signs					
1	Standard Sign Permit	\$271			Y
2	Planned Sign Permit Program	\$1,103			Y
3	Sign Permit/Program - Public Hearing Required	\$2,289			Y
4	Administrative Permit for Sign Exception (Variance)	\$2,081			Y
5	PSP Minor Modification	\$295			Y
Specific Plan Amendment (SPA)					
1	SPA Adoption, Map/Text		\$30,000		Y
2	SPA 10 Acres or Less, Map/Text		\$10,000		Y
3	SPA 10+ Acres, Map/Text		\$20,000		Y
4	SPA Text/Policy Deposit		\$15,000		Y
Subdivisions/Condominiums					
1	Grading Plan - Minor	\$3,245			Y
2	Grading Plan - Major		\$8,000		Y
3	Lot Line Adjustment	\$3,245			Y
4	Extension to a Tentative Map	\$3,245			Y
5	Voluntary Merger	\$3,245			Y
6	Reversion to Acreage	\$4,738			Y

Planning (Entitlement) Fees

Fee Description		FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
7	Minor Modification to a Tentative Map		\$2,000		Y
8	Major Modification to a Tentative Map		\$10,000		Y
9	Tentative Parcel Map, 4 or Fewer Lots		\$6,000		Y
10	Tentative Parcel Map, 5 - 99 Lots		\$11,000		Y
11	Tentative Parcel Map, 100 - 499 Lots		\$16,000		Y
12	Tentative Parcel Map, 500+ Lots		\$24,000		Y
Zoning Ordinance Entitlements					
1	Administrative Permit	\$1,296			Y
2	Conditional Use Permit		\$9,000		Y
3	CUP Modification		\$5,000		Y
4	CUP Extension	\$5,847			Y
5	Design Review Permit (DRP)		\$8,000		Y
6	DRP - Modification		\$5,000		Y
7	DRP - Extension	\$5,207			Y
8	DRP - Minor	\$219			Y
9	DRP - Additions or New Construction (DTSP Only)	\$219			Y
10	DRP - Façade Improvements (DTSP Only)	\$219			Y
11	DRP - Predesign (DTSP Only)	\$219			Y
12	DRP - Residential Subdivision with Other Permit	\$5,773			Y
13	Flood Encroachment Permit		\$8,000		Y
14	MPP Stage 1 or Stages 1 & 2		\$20,000		Y
15	MPP Modification		\$7,000		Y
16	MPP Stage 2, Extend of Stage 1 and/or 2		\$7,000		Y
17	MPP Administrative Modification	\$1,690			Y
18	Planned Development Permit		\$11,000		Y
19	TP Admin - Approved at Public Counter	\$216			Y
20	TP - Req. Public Hearing for SFD or 10 Trees or Less	\$3,925			Y
21	TP - Req. Public Hearing for DRP/TM or 11+ Trees	\$6,059			Y
22	Administrative Variance	\$1,295			Y
23	Variance to Develop Standards - Req. Public Hearing	\$4,490			Y
24	Variance to Parking Standards	\$5,455			Y
25	Wireless Telecommunications Facilities Permit		\$1,200		Y
26	Zoning Clearance	\$148			Y
27	Zoning Interpretation - Hearing Required	\$3,467			Y
28	Zoning Interpretation - Non Hearing Item	\$134			Y
Zoning Ordinance Amendments					
1	Ordinance Text Amend (Zoning, Subdivision, Sign)		\$10,000		Y
2	Zoning Map Change (RZ) 10 Acres or Less		\$10,000		Y
3	Zoning Map Change (RZ) 10+ Acres		\$17,000		Y
Other					
1	Pre-Application Meetings		\$4,000	[b]	Y
2	New Non-Residential Plan Check	15% of Bldg PC		[c]	N
3	Commercial Plan Check - TI	\$165		[c]	Y

Planning (Entitlement) Fees

Fee Description		FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
4	Planning Department Plot Plan Review (Bundles of 10)	\$165			Y
5	Radius List Prep-Previously Developed Area	\$137			Y
6	Preparation Undeveloped Area/Mailing	\$351			Y
7	Farmer's Market Permit	\$515			Y
8	Home Occupation Permit	\$148			Y
9	Parking In-Lieu Fee (DTSP Only)	\$9,680		[d]	N
10	In-Lieu Tree Mitigation Fee (Per Inch)	\$118		[e]	N
11	CUP - Vernon St. and Historical District Only	\$1,475			Y
12	Technology Fee	3.0%			N

Full Cost Deposits and Deposit Replenishment

Applicants for Full Cost Entitlement Applications shall pay for all City staff time required to process the application. A full cost reimbursement agreement shall be included with the project application submittal package. Projects outside the scope of this fee schedule (as determined by the Development Services Director) will be subject to a full cost reimbursement agreement to be approved by the City Council. This reimbursement agreement will include the identification of a work program and will include cost estimates for both City staff time and consultant services based on a defined scope of work.

Initial deposits as shown on the fee schedule will be collected and held by the City in a deposit account at the time the application is submitted. The cost of staff time will be drawn from the deposit account. A positive account balance shall be maintained at all times during the review process. No work will be performed on a project with a negative fund balance. If the deposit is reduced to below 20% of the initial deposit amount, the applicant will be notified and required to supplement the deposit account with an additional amount no less than 50% of the original deposit.

When more than one Full Cost application is submitted, the sum total of the initial full cost deposit amount can be reduced by 20%.

Funds expended for staff time shall not be dependent upon the City's approval or disapproval of the application request. The deposit account will be held open for 90 days after project approval for City to complete any miscellaneous clean up items and to account for all project related costs. Any deposit amounts remaining after final project close out will be returned to applicant. In the event that the deposit account is exhausted prior to final close out, the balance owed to the City will be credited against the plan check and inspection fee deposit at time of improvement plan review.

As may be required by the Development Services Department for project evaluation or environmental review, all payment for consultant work shall be the responsibility of the applicant.

** Note regarding annual inflationary adjustment: The Initial deposit amounts will not be inflated annually, but the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate*

Refund Policy

Application fees are not refundable except as follows:

- A. Refund of 100% shall be made if a determination is made by the Development Services Director that the permit and associated fee are not required by the City of Roseville Municipal Code or adopted City Resolution.
- B. If an applicant requests to withdraw a fixed fee application prior to the PEM, refund of 50% of the applicable fee shall be refunded.
- C. No refund of application fees shall be made after a Project Evaluation Meeting has been held, unless a fee waiver is approved by the Roseville City Council.

Planning (Entitlement) Fees

Fee Description	FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
[a] Development Agreement Review/Compliance Fee pertains to individual development agreements. Fee will be distributed to landowners on a pro-rata basis. [b] Pre Application Meetings – The City will provide up to 2 meetings with staff to discuss the initial project review and City policies relative to the proposed project. Additional meetings and staff review prior to a formal application shall be billed on a time and material basis. The project proponent will be asked to submit the pre application deposit and a full cost reimbursement agreement. Staff will record all time against the deposit account. Balances remaining in the deposit account will be applied to the application deposit account or refunded within 60 days. Negative balances will be due in full along with the application deposit or fee at time of Entitlement Application submittal. [c] Non-Residential - Per Building Code, this includes Commercial and Multi-family developments. Plan Check Fees to be assessed as part of Building Department Plan Check Fee. This fee shall be 15% of the building Plan Check Fee for New Non-Residential construction (Commercial and Multi-family). Fee to be collected with Building's Plan Check Fee. [d] Parking In-Lieu Fee is an optional fee that non-residential uses in the Downtown Specific Plan Area can utilize instead of providing required parking on-site. Fees for the 1st stall will be 10% of the parking in-lieu fee, 2nd stall 25%, 3rd Stall 50%, 4th stall 75% and 5 or more stalls 100% of the in-lieu fee. [e] In-Lieu Tree Mitigation Fee for the removal of protected trees is calculated per inch of the diameter at breast height of the tree.				

Development Services Engineering and Encroachment Permit Fees

Fee Description	FY 19-20 Fee	Initial Deposit	Fee Paid	Bond Amount [a]	Note	Y'rly In'fltr
1 Final Subdivision Map	Billed hourly based on total labor hrs	\$2,500 plus \$10 per lot	At submittal			Y
2 Final Parcel Map						
a) base fee	\$1,371		At submittal		[b]	Y
b) per lot fee	\$55		At submittal		[b]	Y
3 Lot Line Adjustment (per adjusted line)	\$247		At submittal		[c]	Y
4 Improvement Plan Check/Inspection	Billed hourly based on total labor hrs \$1,000 minimum	5% of Eng. cost est. 2.5% at submittal 2.5% at plan approval	2.5% at submittal 2.5% at plan approval	100% of improvements		Y
5 Grading Plan						
a) Subdivision, Commercial, or Industrial Sites	Billed hourly based on total labor hrs \$1,000 minimum	5% of Eng. cost est. 2.5% at submittal 2.5% at plan approval	2.5% at submittal 2.5% at plan approval	10% of erosion control and grading		Y
b) All Other Sites						
i) Up to 500 Cubic Yards	\$329	\$100 at submittal	\$100 at submittal remainder due at permit issuance	10% of erosion control and grading		Y
ii) Greater than 500 Cubic Yards	Billed hourly based on total labor hrs	\$1,000 at submittal	\$1,000 at submittal balance due prior to final signoff	10% of erosion control and grading		Y
6 Encroachment Permit:						
a) Dumpster	\$66		At submittal	\$0		Y
b) Sidewalk	5% of Project Cost \$66 minimum		At submittal	\$1,000 / contractor		N
c) Driveway	5% of Project Cost \$66 minimum		At submittal	\$500/resident \$1,000/c'ntrctr		N
d) Lane Closure	\$164		At submittal	\$0		Y
e) Swim Pool Access	\$164		At submittal	TBD by Director		Y
f) Monitoring Wells	5% of Project Cost \$66 minimum		At submittal	\$2,000 per well		N
g) All Others	Billed hourly based on total labor hrs	5% of Eng. cost est. 2.5% at submittal 2.5% at plan appr'vl; \$1,000 minimum	2.5% at submittal 2.5% at plan appr'vl	100% of improvements		Y
7 Technology Fee	3% of permit fee		At permit issuance			N

City of Roseville
Schedule of User and Regulatory Fees

Development Services Engineering and Encroachment Permit Fees

Fee Description	FY 19-20 Fee	Initial Deposit	Fee Paid	Bond Amount [a]	Note	Y'rly In'fltr
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** Note regarding annual inflationary adjustment: The Initial deposit amounts will not be inflated annually, but the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Bond amounts paid at permit issuance.

[b] Final parcel map fee collected as base fee plus per lot fee.

[c] Lot line adjustment fee is fee for each adjusted line.

Trench Cut Recovery Fees

Fee Description		FY 19-20 Permit Fee	FY 19-20 Trench Cut Fee	Cut Fee Unit	Note	Y'rly In'fltr
Trench Cuts Requiring Pmt. of Admin. Permit Fee Only						
1	Street scheduled for resurfacing within next fiscal year	\$329	\$0.00			Y
2	Proposed excavation includes an overlay	\$329	\$0.00			Y
3	Proposed excavation for a CIP	\$329	\$0.00			Y
4	Street pavement quality index (PQI) 0-4	\$329	\$0.00			Y
All Other Trench Cuts						
5	Longitudinal Cut					
	a) Cut within 3' of lane line					
	i) PQI: 4.1 - 6.5	\$329	\$14.21	per LF		Y
	ii) PQI: 6.6 - 8.4	\$329	\$18.95	per LF		Y
	iii) PQI: 8.5 or greater	\$329	\$23.68	per LF		Y
	b) Cut within one lane width					
	i) PQI: 4.1 - 6.5	\$329	\$10.66	per LF		Y
	ii) PQI: 6.6 - 8.4	\$329	\$14.21	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$329	\$17.76	per LF	[a]	Y
6	Traverse Cut					
	i) PQI: 4.1 - 6.5	\$329	\$8.66	per LF		Y
	ii) PQI: 6.6 - 8.4	\$329	\$11.55	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$329	\$14.43	per LF	[a]	Y
7	Cut is a Patch					
	i) PQI: 4.1 - 6.5	\$329	\$9.59	per LF		Y
	ii) PQI: 6.6 - 8.4	\$329	\$12.79	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$329	\$15.99	per LF	[a]	Y

[a] Moratorium streets require director approval for trenching.

Building Fees

A. Construction Valuation Table - Table A is the construction valuation table adopted for the purpose of establishing permit fees as construction valuation is a factor in the cost of providing permitting services. These valuations correlate to the square footage costs of permitting, plan review, and inspection services based upon the hourly rate for building services identified in this fee schedule.

Table A - Construction Valuation

Group		Valuation		Unit	Y'rly In'fltr
		<u>A</u>	<u>B</u>		
1	A-1 Assembly, theaters, with stage	\$93.60	\$46.80	per SF	N
2	A-1 Assembly, theaters, without stage	\$93.60	\$46.80	per SF	N
3	A-2 Assembly, nightclubs	\$93.60	\$46.80	per SF	N
4	A-2 Assembly, restaurants, bars, banquet halls	\$111.80	\$55.90	per SF	N
5	A-3 Assembly, churches	\$93.60	\$46.80	per SF	N
6	A-3 Assembly, general, community halls, libraries, museums	\$88.40	\$44.20	per SF	N
7	A-4 Assembly, arenas	\$105.30	\$52.65	per SF	N
8	B Business	\$88.40	\$44.20	per SF	N
9	E Educational	\$94.90	\$47.45	per SF	N
10	F-1 Factory and Industrial, moderate hazard	\$49.40	\$24.70	per SF	N
11	F-2 Factory and Industrial, low hazard	\$49.40	\$24.70	per SF	N
12	H-1 High Hazard, explosives	\$49.40	\$24.70	per SF	N
13	H-2,3,4 - High Hazard	\$49.40	\$24.70	per SF	N
14	H-5 - HPM	\$79.30	\$39.65	per SF	N
15	I-1 Institutional, supervised environment	\$126.72	\$63.36	per SF	N
16	I-2 Institutional, hospitals	\$131.29	\$65.65	per SF	N
17	I-2 Institutional, nursing homes	\$249.09	\$124.55	per SF	N
18	I-3 Institutional, restrained	\$145.80	\$72.90	per SF	N
19	I-4 Institutional, day care facilities	\$126.72	\$63.36	per SF	N
20	M Mercantile	\$62.40	\$31.20	per SF	N
21	R-1 Residential, hotels	\$97.50	\$48.75	per SF	N
22	R-2 Residential, multiple-family	\$100.18	\$50.09	per SF	N
23	R-3 Residential, one- and two-family	\$110.00	\$55.00	per SF	N
24	R-4 Residential, care/assisted living facilities	\$106.60	\$53.30	per SF	N
25	S-1 Storage, moderate hazard	\$42.90	\$21.45	per SF	N
26	S-2 Storage, low hazard	\$41.60	\$20.80	per SF	N
27	U Utility, miscellaneous	\$32.50	\$16.25	per SF	N

B. Determination of Construction Valuations - The building official shall determine construction valuations as follows:

- 1 New Construction.** New construction shall be based upon the square footage of the proposed project multiplied by the amount stated in **Column A of Table A** corresponding to the occupancy group, as determined by the building official, for a total construction value.
- 2 Improvements.** Improvements to existing buildings shall be based upon the square footage of the proposed improvements multiplied by the amount stated in **Column B of Table A** corresponding to the occupancy group, as determined by the building official, for a total construction value.

Building Fees

C. Commercial Building Valuations - Minimum commercial building valuations are stated below for the purposes of establishing minimum permit fees to cover the cost of service for the project listed. The higher valuation shall be assessed unless otherwise stated.

- 1 **Tenant Improvements Processed Over the Counter (OTC Permits).** Tenant Improvement OTC permits shall have a minimum valuation of \$8,000.
- 2 **Tenant Improvements Requiring Plan Submittal.** Tenant Improvements (TIs) requiring plan submittal shall have a minimum valuation based upon Column B of Table A. For purposes of this section, a tenant improvement is defined as any improvement, maintenance or other updating on commercial property; improvement, maintenance or other updating on multi-family property; improvement, maintenance or other updating on residential care facilities and model home sales complexes, including sales trailers.
- 3 **Commercial Photovoltaic.** Commercial photovoltaic permits shall be based on a set valuation of \$40,000.
- 4 **Electrical Service Upgrade.** Electrical service upgrade permit fees shall have a minimum valuation of \$3,000.
- 5 **Commercial Reroofing.** Commercial reroofing permits shall have a minimum valuation of \$423.17 per 100 square feet of roof area or a total minimum valuation of \$20,000.
- 6 **OTC Permits for Commercial Projects.** OTC permits for commercial projects such as demolition, electrical, mechanical, plumbing and other work not otherwise defined shall have a minimum valuation of \$3,000.
- 7 **OTC Permits for Commercial Projects.** OTC permits for commercial projects such as demolition, electrical, mechanical, plumbing and other work not otherwise defined shall have a minimum valuation of \$3,000.
- 8 **Cell Towers - Change out of Antennas Only.** Cell towers requiring change-out of antennas only shall be considered a TI remodel with a minimum valuation of \$3,000.
- 9 **Cell Towers - Major Remodel.** Cell towers undergoing a major remodel shall have a minimum valuation of \$8,000.
- 10 **Shelves and Racking.** Permits for shelves and racking shall be considered a TI remodel. Construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 11 **Stucco or Siding on Multi-Family.** For permits for stucco or siding on multi-family units, construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the linear footage of exterior home and garage x 1 SF (= remodel SF) by the amount stated in Column B of Table A for the R-2, Residential Multi-Family Occupancy Group.
- 12 **Stair Repair on Multi-Family.** For permits for stair repair on multi-family units, construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage of the stair area(s) x number of floors of the building(s) by the amount stated in Column B of Table A for the R-2, Residential Multi-Family Occupancy Group.
- 13 **Pool Replaster and Repairs.** For permits for commercial pool replaster and/or repairs, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the pool square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 14 **Electronic Gates.** For permits for electronic gates, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the lineal footage of the gate and replacement fence x 1 SF (=SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous
- 15 **Facade Remodel.** For permits for facade remodel, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the lineal footage of the facade x 1 SF (=SF) by the amount stated in Column B of Table A for the Occupancy Group listed on the certificate of occupancy.
- 16 **Spray Booth.** For permits for spray booth installation, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage of the booth area by the amount stated in Column B of Table A for the F, Factory and Industrial Occupancy Group.

Building Fees

- 17 **Parking Lot Restriping: Site Work.** Permits for parking lot restriping shall have a minimum valuation of \$8,000.
- 18 **ADA Upgrades.** Permits for ADA upgrades shall have a minimum valuation of \$8,000.
- 19 **Barrier Removal.** Permits for barrier removal shall have a minimum valuation of \$8,000.
- 20 **Crane install runways.** Permits for crane install runways shall have a minimum valuation of \$8,000.
- 21 **Construction Trailer.** For permits for construction trailers hooking up to water/sewer and/or electric, the construction valuation for fee setting purposes shall be calculated by multiplying the trailer square footage by the amount stated in Column B of Table A for the B, Business Occupancy Group.
- 22 **Commercial Charging Station.** For permits for commercial charging stations, the construction valuation for fee setting purposes shall be based on the construction valuation provided by the applicant with a minimum valuation of \$8,000.
- 23 **Emergency Generator to Cell Site.** Permits for emergency generators to cell sites shall have a minimum valuation of \$8,000.
- 24 **Pumpkin Lot/Tree Lot.** Permits for pumpkin or tree lots shall have a minimum valuation of \$8,000.

D. Residential Building Valuations - Minimum residential building valuations are stated below for the purposes of establishing minimum permit fees to cover the cost of service for the project listed. The higher valuation shall be assessed unless otherwise stated.

- 1 **Patio Covers.** Patio covers shall have minimum valuation based upon new construction valuation of Column A of Table A.
- 2 **Swimming Pools.** Swimming pools shall have a set valuation of \$25,000 for the purposes of establishing the building permit fee. The swimming pool construction contract valuation shall be reported on the permit application if such amount exceeds \$25,000.
- 3 **Residential Remodel.** Residential remodel permits shall have a minimum valuation based upon Column B of Table A.
- 4 **Residential Additions.** Residential additions shall have a minimum valuation based upon Column A of Table A (new construction).
- 5 **Combination of Residential Remodel and Residential Addition.** With respect to a permit application for a combination residential remodel and residential addition subsection (D)(3) shall apply with respect to the residential remodel portion and subsection (D)(4) shall apply with respect to the residential addition (new construction) portion for a total construction valuation for the permit.
- 6 **Photovoltaic.** Photovoltaic permits shall be based upon a set valuation of \$18,000 for the purposes of establishing the permit fee.
- 7 **Reroof.** Reroof permits for residential structures shall have a minimum valuation of \$239.49 per 100 square feet of roof area or a total minimum valuation of \$2,400.
- 8 **Plumbing OTC Permits.** OTC permits pertaining to plumbing shall have a minimum valuation of \$900.
- 9 **Mechanical, Electrical, Car Charging Stations, Demolition and Other OTC Permits Not Specified in this Section.** OTC permits for mechanical, electrical, car charging stations, demolition, and other permits not specified in this section shall have a minimum valuation of \$2,400.
- 10 **Stucco or Siding.** For permits for stucco or siding on residential units, construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the linear footage of exterior home and garage x 1 SF (= remodel SF) by the amount stated in Column B of Table A for the R-3, Residential, One- and Two-Family Occupancy Group.
- 11 **Fence or Retaining Wall.** For permits for residential fences or retaining walls, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the linear footage of fence or wall x 1 SF (= SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous
- 12 **Windows.** Permits for residential windows shall have a minimum valuation of \$2,400.

Building Fees

- 13 **Freestanding Fireplace.** Permits for a freestanding fireplace shall have a minimum valuation of \$2,400.
- 14 **BBQ.** Permits for a barbeque (BBQ) shall have a minimum valuation of \$2,400.
- 15 **Pool Replaster and Repairs.** For permits for residential pool replaster and/or repairs, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the pool square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 16 **Shed.** For permits for residential sheds, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the square footage of the shed (= SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 17 **Deck Repair.** For permits for deck repair, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the square footage of the deck area being repaired (= SF) by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 18 **Fire Repair.** For permits for residential fire repair, the construction valuation for fee setting purposes shall be calculated in the same manner as a residential remodel.

Building Fees

E. Permit Fees - Subject to any applicable minimum permit fees stated elsewhere in this schedule, Table B and B.1, shall apply for the purpose of establishing minimum permit fees.

Table B - Permit Fees

Total Valuation	FY 19-20 Permit Fee			Y'rly In'fltr
\$1 to \$500	\$54.82			Y
\$501 to \$1,000	\$54.82	for the first \$500	plus \$2.74 for each add'l \$100 or fraction thereof, to and including \$1,000	Y
\$1,001 to \$3,000	\$68.52	for the first \$1,000	plus \$3.02 for each add'l \$100 or fraction thereof, to and including \$3,000	Y
\$3,001 to \$25,000	\$128.92	for the first \$3,000	plus \$12.06 for each add'l \$1,000 or fraction thereof, to and including \$25,000	Y
\$25,001 to \$50,000	\$394.24	for the first \$25,000	plus \$9.87 for each add'l \$1,000 or fraction thereof, to and including \$50,000	Y
\$50,001 to \$100,000	\$640.99	for the first \$50,000	plus \$6.85 for each add'l \$1,000 or fraction thereof, to and including \$100,000	Y
\$100,001 to \$500,000	\$983.49	for the first \$100,000	plus \$5.48 for each add'l \$1,000 or fraction thereof, to and including \$500,000	Y
\$500,001 to \$1,000,000	\$3,175.49	for the first \$500,000	plus \$4.11 for each add'l \$1,000 or fraction thereof, to and including \$1,000,000	Y
\$1,000,001 and up	\$5,230.49	for the first \$1,000,000	plus \$2.19 for each additional \$1,000 or fraction thereof	Y

Production Home Permit Fees - Building permits for production homes (those homes that are one and two family homes having an approved master plan, which is a complete set of building plans from which multiple homes may be constructed) shall have a minimum permit fee as calculated in Table B.1.

Table B.1 - Production Home Permit Fees

Total Valuation	FY 19-20 Permit Fee			Y'rly In'fltr
\$0 to \$120,000	\$1,297.05			Y
\$120,001 and up	\$1,297.05	for the first \$120,000	plus \$8.77 for each add'l \$11,000 or fraction thereof	Y

Building Fees

F. Administration Fee - In addition to the permit fee, an administration fee is established for the city to recover the cost of permit application processing, permit issuance, and plan review and shall be applied as follows:

Fee Description		FY 19-20 Fee	Y'rly In'fltr
1	Permits Requiring Plan Submittal for Review	95% of the Building Permit Fee	N
2	Over the Counter Permits Requiring Minimal or No Plan Review	25% of the Hourly Rate or Actual Cost (for time in excess of 1/2 hour)	N
3	Tenant Improvement Environmental Utilities Review		
	a) Same Use ¹	\$354	Y
	b) Change of Use ²	\$966	Y
4	Production Home Permits	37% of the Building Permit Fee	N
5	Plans Submitted for the Purposes of Being Mastered	95% of the Building Permit Fee (based on SF valuation of proposed design)	N
6	Emergency Water Heater Repair	Exempt From the Admin Fee (allocated one inspection visit. If add'l visits are required re-inspection fees apply for add'l visits)	N

Determination of Tenant Improvement (TI) Environmental Utilities Review Fee:

¹“Same Use” fee applies to any tenant improvement that requires review (by applicable statute) by the Placer County Department of Environmental Health (typical uses include restaurants, hair salons, and medical/dental offices), or tenant improvements that result in changes to equipment such as (but not limited to) triple compartment sinks, sewer lines within kitchen and maintenance areas, grease waste capturing equipment and tanks, water services including fire, domestic and irrigation, and exterior trash enclosures, etc. The fee does not apply to tenant improvements that do not involve new or modifications to existing plumbing. Examples of tenant improvements where the same use fee would not apply include: addition of new fixtures (sinks, toilets, etc) where no modification to plumbing is proposed, and addition or relocation of interior walls where no new or modification to existing plumbing is proposed. The fee shall also not apply to minor tenant improvements charged the minimum building permit fee based on project valuation.

² “Change of Use” fee applies to tenant improvements that result in a change from one use to another, such as (but not limited to) office/retail to restaurant, or office/retail to dental/medical office. The change in use fee also applies to plan review of modifications to commercial landscaping for compliance with water efficient landscape requirements.

Building Fees

G. Additional Time and Materials Fees and Refunds and Appeals - Building permits are subject to additional time and material fees where the cost of service provided by city exceeds the amount collected at application. Such fees shall be calculated as follows:

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Additional Services (1/2 hour minimum)	\$188	per hour	[a]	Y
2	Re-inspections (per scheduled stop)	\$110	per stop	[b]	Y
3	Inspections Outside of Normal Business Hours	\$188	per hour	[c]	Y
4	Work Commenced without a Permit	\$188	minimum	[d]	Y
5	Certificate of Occupancy (1 hour minimum)	\$188	per hour	[e]	Y
6	Permit Extension or Reinstatement of an Expired Permit	\$188	per hour	[f]	Y
7	Third Party Plan Review (fee is in addition to City Administration Fee in Section F)	pass through of consultant fee		[g]	N
8	Fees for Services Not Listed in this Schedule	Actual Cost		[h]	N
9	Refunds and Appeals				
	a) Fees erroneously paid by applicant or collected or charged by the agency	100% refund		[i][l]	N
	b) When no work has been commenced	up to 75% refund		[j][l]	N
	c) Expired permit applications and permits	0% refund		[k][l]	N

[a] Additional Services (e.g. administrative and plan review) Fees shall be assessed at time of permit issuance and/or prior to final inspection at application. Additional service is defined as follows:

1. Plan Reviews in excess of three (3) submittals to city for review and approval.
2. Plan Review by city departments other than the development services department for projects affecting other City services and not covered by any fees set forth in this section.
3. Other staff time and resources for the purposes of facilitating and approving permit applications and permits.
4. Expedited plan review, when available, and additional resources required to facilitate the expedited plan review process, including consultants and/or other city departments and divisions whose assistance is required for plan approval.

[b] Re-inspections may be assessed based on any of the following:

1. Inspections which are not ready at the time of the scheduled inspection, as determined by a city inspector.
2. Failure by applicant to complete inspection items from previous correction notices.
3. Inspections additional to the inspection with respect to emergency water heater permits.

[c] Inspections outside of normal business hours will be subject to a 2-hour minimum for evening work and a 4-hour minimum for weekend work.

[d] Whenever any work for which a permit is required has been commenced without first applying for a building permit and receiving permission by the building official, a minimum fee for investigation and administration shall be assessed in addition to the full cost of any required permits.

[e] The fee for a certificate of occupancy shall be a minimum of one hour, and any additional costs beyond one hour of staff time to approve such certificates.

Building Fees

[f] Permit applications and permits shall expire per the provisions of the California Building Code. Reinstatement and extensions may be granted provided that all costs incurred by the city to date of the request are paid for by the permit applicant. For this purpose, cost is defined as the hours expended for review and administration multiplied by the hourly

[g] Third party plan review, when available, shall be assessed and paid at time of permit application. The fee for this service is the hourly or flat rate charged by the consulting firm performing the review. This fee is in addition to the permit Administration Fees identified in "Section F" of this fee schedule for the additional resources required to facilitate the

[h] Fees for services not otherwise listed in this schedule shall be determined by the building official and based upon the actual cost of providing the service.

[i] The building official may authorize refunding of any fee paid, or portion thereof, which was erroneously paid by applicant or collected by city.

[j] The building official may authorize refunding of not more than seventy-five percent (75%) of fees paid when no work has been done under a permit application or an issued permit in accordance with the adopted California Code of Regulations. In no case shall the refund exceed the cost of services provided to date of cancellation of permit issuance.

[k] Permit applications and building permits that have expired as defined in the California Building Code shall not be subject to any refund.

[l] A building permit applicant may, upon payment of the requested permit fees to city and otherwise complying with California Government Code Section 66022, protest the requested amount to the city council by lodging an appeal with the building official. City staff shall schedule the appeal to be heard by the city council as soon as reasonably practicable.

Building Fees

H. Technology Fee, General Plan Maintenance Fee, Strong Motion Impact Fee, SB 1473 Fee

Fee Description		FY 19-20 Fee	Note	Y'rly In'fltr
1	Technology Fee (applicable to building permits, fire permits, improvement plan, and entitlement fees)	3%	[a]	N
2	General Plan Update Fee	\$0.50 per \$1,000 valuation, not to exceed \$20,000		N
3	Strong Motion Impact (SMI) Fee Calculation			
	a) Residential	\$0.50 or valuation x .00013	[b]	N
	b) Commercial	\$0.50 or valuation x .00028	[b]	N
4	Building Standards Administration Special Revolving Fund (SB 1473) Fee Calculation			
	Valuation:			
	a) \$1 - \$25,000	\$1	[b]	N
	b) \$25,001 - \$50,000	\$2	[b]	N
	c) \$50,001 - \$75,000	\$3	[b]	N
	d) \$75,001 - \$100,000	\$4	[b]	N
	e) Every \$25,000 or fraction thereof above \$100,000	Add \$1	[b]	N

[a] "Building permit" means the permit issued or required by the city for the construction or modification of any structure pursuant to and as defined by the building code. "Fire permit" means the permit issued or required by the city for the construction or ongoing operations of a structure or business pursuant to and as defined by the fire code. "Improvement plan" means the permit issued or required by the city for the construction of any public or private site improvements as defined by the city's improvement and construction standards. "Entitlement" means those approvals provided under Title 19, Zoning.

[b] Fee set by State.

Building Fees

I. Findings Regarding Permit Fees for Residential Rooftop Solar Energy Systems - Pursuant to Section 66015 of the California Government Code (Fees for Rooftop Solar Energy Systems), the city council finds that the reasonable cost to issue a permit for a residential rooftop solar energy system exceeds \$450 plus \$15 per kilowatt (kW) for each kW above 15 because issuance of the permit requires all of the following:

- 1 One-half (1/2) hour administration time for application and data input
- 2 1/2 hour administration time for permit issuance and one hour plan review time including up to two (2) submittals
- 3 Typically 2 inspections at a minimum of 1/2 hour of staff time
- 4 Other applicable fees assessed by the State of California and by the Roseville Electric Department pursuant to the Roseville Electric Solar Energy Program Meter Upgrade Charges, as amended from time to time

This higher fee results in a quick and streamlined approval process.

Development Impact Fee Deferral Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Development Impact Fee Deferral				
	a) Residential	\$280	per deferral		Y
	b) Non-Residential				
	i) Administrative Fee	\$783	per deferral		Y
	ii) Interest Charge on Deferred Fees	equal to unearned interest based on City's 10-yr avg pooled interest rate	per deferral	[a]	N

[a] Fee deferral will result in a loss of interest income on monies deferred over the construction timeframe. The interest charge is intended to cover these costs.

City of Roseville
Schedule of User and Regulatory Fees

Housing Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Reconveyance Fee	\$332	per occurrence		Y
2	Subordination Fee	\$386	per occurrence		Y

Electric Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
Solar Energy Program - Meter Upgrade Charges					
1	Residential PV Net-Meter	\$782.02			Y
2	Business PV Net-Meter (<10kW system size)	\$1,659.21			Y
3	Business PV Net & PBI Meter (10-100kW system size, up to 200amp PBI panel)	\$2,715.88		[a]	Y
4	Business PV Net & PBI Meter (10-100kW system size, >200amp PBI panel)	\$4,419.92		[a]	Y
5	Variance Review Request	\$203.66	per hour		Y
6	Plan Reviews or Field Meets Exceeding the Initial and Subsequent Submittal Limit	\$203.66	per hour	[b]	Y
7	PBI Meter Installations Requiring a Phone Switcher	\$290.34	per switcher		Y
Other Service Fees					
8	Pedestal Meter Fee	\$331.67			Y
9	Temporary Power Meter Set				
	a) Temp Power Meter Set Fee - Residential	\$269.90			Y
	b) Temp Power Meter Set Fee - Commercial	Actual Cost			Y
10	Extension of Facilities	Actual Cost			Y
11	Svc Connections and Facilities on Customer's Premises	Actual Cost			Y
12	Meter Test				
	a) Test - More than six-months since prior test	\$0.00			Y
	b) Test - Within six-months of meter install or prior test	Actual Cost			Y
13	Overhead-to-Underground Conversion of Overhead Utilities	Actual Cost			Y
14	Small Cell Plan Check Fee	\$767.89			Y

** Note regarding annual inflationary adjustment: For items billed at actual cost or items billed at average labor and material rates, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

* All meter upgrade costs must be paid prior to receiving interconnection approval to operate the PV system.

[a] Customer is required to supply a dedicated working phone line and monitoring for the duration of the PBI payment term. See the construction standards for phone line requirements.

[b] The initial and first resubmittal plan review and the initial and first resubmittal field inspections are included in the basic Meter Upgrade Charge.

Environmental Utilities Fees

Fee Description		FY 19-20 Fee	Note	Y'rly In'fltr
Water				
1	Construction Water			
	a) Fire Hydrant Application Fee	\$247		Y
	b) Usage Rate	Current rate per Ccf		N
	c) Meter and Backflow Rental			
	i) Monthly Rental Charge	\$100		N
	ii) Initial Deposit	\$1,500		N
2	Meter Installation for New Residential Construction			
	a) Labor Charge	\$137		Y
	b) Meter and Meter Appurtenance Charge	Actual Cost		Y
	c) Quantity Charge	\$82		Y
3	Meter Installation - All Other	Actual Cost		Y
4	Service Connections	Actual Cost		Y
5	Tap	Actual Cost		Y
6	Abandon Water Service Line	Actual Cost		Y
7	Installation of Facilities in Subdivisions/Other Dev'lpmnts	Actual Cost		Y
Water Conservation				
8	Water - Water Efficient Landscape Review	Actual Cost		Y
Backflow Prevention Inspection and Cross-Connection Control				
9	Backflow Prevention Assembly - Installation, Repair, Replacement	Actual Cost	[a]	Y
10	Backflow Prevention Assembly - Reinspection Fee	\$66	[b]	Y
Well Water				
11	Well Permit			
	a) First Well	\$274	[c]	Y
	b) Each Additional Well	\$137	[c]	Y
	c) Soil Boring (no well)	\$274		Y
Sewer				
12	Private Sewage Disposal System - Plan Review and Inspection	Actual Cost		Y
13	Building Sewers and Connections			
	a) Residential and Commercial Service	Actual Cost		Y
	b) Service Establishments Producing Industrial Waste	Actual Cost		Y
14	Review of Grease, Oil, and Grit Interceptors	Actual Cost		Y
15	Rate-of-Flow Controller Facility			
	a) Installation	Actual Cost		Y
	b) Re-inspection	Actual Cost		Y
16	Industrial Waste Manhole - Plan Review and Inspection	Actual Cost		Y
17	Closed Circuit TV for Inspection and Warranty Service	Actual Cost		Y
18	Vactor Service for Cleaning of New Infrastructure for Final Acceptance	Actual Cost		Y
19	Fabrication of Special Fittings	Actual Cost		Y
20	Fats, Oils, and Grease Program (FOG) - Costs incurred by the City as a result of required on-site sampling and analysis	Actual Cost		Y
21	FOG Program Violation Appeal Cost Reimbursement			
	a) Public Utilities Commission	Actual Cost		Y
	b) City Council	Actual Cost		Y

Environmental Utilities Fees

Fee Description		FY 19-20 Fee	Note	Y'rly In'fltr
Recycled Water				
22	Recycled Water - Cost of Meter and Installation			
	a) 3/4"	\$514		Y
	b) 1"	\$581		Y
	c) 1 1/2"	\$1,342		Y
	d) 2"	\$1,519		Y
	e) 3"	\$2,053		Y
	f) 4"	\$3,436		Y
	g) 6"	\$5,773		Y
	h) 8"	\$9,198		Y
	i) 10"	\$11,729		Y
23	Recycled Water - Plan Review and Inspection	Actual Cost		Y
Industrial Wastewater				
24	On-Site Sampling	Actual Cost		Y
Other Fees				
25	Plan Review	Actual Cost		Y
26	On-site Inspections	Actual Cost		Y
27	Water Warranty Inspections	Actual Cost		Y
28	Wastewater Warranty Inspections	Actual Cost		Y
29	Cross Connection Testing	Actual Cost		Y
30	Cross Connection Testing for Backflows	Actual Cost		Y
31	Water Continuity Testing	Actual Cost		Y
32	Spark Testing	Actual Cost		Y
33	Mapping	Actual Cost		Y
34	Standby	Actual Cost		Y
35	Disposal of Chlorinated or Contaminated Water	Actual Cost		Y
36	Tee Installation	Actual Cost		Y
37	401 Transition Pipe	Actual Cost		Y
38	Pipe Coating	Actual Cost		Y

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Installation, repair, or replacement of a backflow prevention assembly shall be performed by a licensed contractor, or with customer approval, by City personnel. The cost to the City for materials and labor at the prevailing wage shall be paid by the owner or customer.

[b] Reinspection fee is the fee required to be paid upon finding by an inspector that the backflow prevention assembly is defective or not in compliance backflow prevention assembly standards.

[c] Fee is 50% refundable if denied.

Fire Prevention Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
	Permits to Operate (Type of Permit Activity)				
1	Amusement Building	\$321			Y
2	Carnivals and Fairs	\$321			Y
3	Combustible Dust Operations	\$321			Y
4	Covered Mall Buildings	\$321			Y
5	Exhibits and Trade Shows	\$321			Y
6	Explosives or Blasting Agents	\$804			Y
7	Recreational or Bon Fire	\$161			Y
8	Theatrical Fire Performance	\$321			Y
9	High Pile Storage	\$321			Y
10	Hot Work Operations	\$321			Y
11	Industrial Ovens	\$321			Y
12	Lumber Yards	\$321			Y
13	Misc. Combustible Storage	\$321			Y
14	Places of Assembly				
	a) Less than 300 occupant load	\$321			Y
	b) 300 - 999 occupant load	\$482			Y
	c) 1,000 or more occupant load	\$643			Y
15	Commercial Day Care Facility				
	a) 7 - 49 persons	\$321			Y
	b) 50 - 149 persons	\$482			Y
	c) 150 or more persons	\$643			Y
16	Institutional				
	a) Less than 6 patients	\$321			Y
	b) 6 or more patients	\$482			Y
	c) Detention facilities	\$643			Y
17	Apartments/Hotels/Motels				
	a) 3 - 16 units	\$242			Y
	b) 17 - 32 units	\$321			Y
	c) 33 or more units	\$482			Y
18	Large Family Day Care				
	a) Large Family Day Care	\$321			Y
	b) Pre-inspection (at hourly rate)	\$161	per hour		Y
19	Residential Care Facilities				
	a) 7 or more residents	\$482			Y
	b) Pre-inspection (at hourly rate)	\$161	per hour		Y
20	Temporary Membrane Structures (Tents/Canopies)				
	a) 401 - 1,499 SF	\$242			Y
	b) 1,500 - 2,999 SF	\$321			Y
	c) 3,000 - 5,999 SF	\$482			Y
	d) 6,000 or more SF	\$643			Y

Fire Prevention Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'ftr
	Plan Review				
	• Including Inspection Service • Plan Review Conducted by City Staff				
21	Fire Alarm System				
	a) New Installation	\$1,444			Y
	b) Tenant Improvement	\$643			Y
	c) Tenant Improvement: One Device Only	\$161			Y
	d) Large Project > 50 Notification Devices	\$3,851			Y
	e) High Rise	\$5,775			Y
22	Fire Sprinkler System - New Installation				
	a) 1 - 99 heads	\$1,926			Y
	b) 100 - 199 heads	\$2,407			Y
	c) 200 or more heads	\$3,210			Y
23	Fire Sprinkler System - Tenant Improvement				
	a) 1 - 50 heads	\$643			Y
	b) 51 or more heads	\$1,284			Y
	c) < 5 Sprinkler Heads Only	\$161			Y
24	Fire Stand Pipe System	\$1,284			Y
25	Fire Pump System	\$2,407			Y
26	Hood and Duct System	\$1,123			Y
27	Special Suppression System (Clean agent, Co2, etc.)	\$1,605			Y
28	Compressed Gas System				
	a) Hazardous Material	\$643			Y
	b) Medical Gas	\$643			Y
29	Smoke Management Systems	\$3,851			Y
30	Spray Booths (Includes fire protection system)	\$1,284			Y
31	Radio Amplification System	\$3,851			Y
	Plan Review				
	• Including Inspection Service • Plan Review Conducted by City Approved Consultant				
32	Third Party Plan Review (fee is in addition to fees shown below in this section)	pass-through of consultant fee		[a]	N
33	Fire Alarm System				
	a) New Installation	\$975			Y
	b) Tenant Improvement	\$432			Y
	c) Large Project > 50 Notification Devices	\$2,599			Y
	d) High Rise	\$3,897			Y
34	Fire Sprinkler System - New Installation				
	a) 1 - 99 heads	\$1,298			Y
	b) 100 - 199 heads	\$1,624			Y
	c) 200 or more heads	\$2,164			Y
35	Fire Sprinkler System - Tenant Improvement				
	a) 1 - 50 heads	\$432			Y
	b) 51 or more heads	\$866			Y
36	Fire Stand Pipe System	\$866			Y

Fire Prevention Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'ftr
37	Fire Pump System	\$1,624			Y
38	Hood and Duct System	\$758			Y
39	Special Suppression System (Clean agent, Co2, etc.)	\$1,083			Y
40	Compressed Gas System				
	a) Hazardous Material	\$432			Y
	b) Medical Gas	\$432			Y
41	Smoke Management Systems	\$2,599			Y
42	Spray Booths (Includes fire protection system)	\$866			Y
43	Radio Amplification System	\$2,599			Y
	Fireworks				
44	Fireworks - Public Display (High/Low Level & Ground Devices)				
	a) 200 or less devices	\$964			Y
	b) 201 or more devices	\$1,123			Y
45	Fireworks - Retail Stand	\$321			Y
46	Fireworks - Special Pyrotechnic Effects	\$643			Y
	Hazardous Materials				
47	Flammable or Combustible Liquids				
	a) Class I, II, or IIIA ≥ 25 gallons inside storage	\$482			Y
	b) Class I, II, or IIIA ≥ 60 gallons outside storage	\$482			Y
	c) Class IIIB ≥ 110 gallons	\$482			Y
48	Hazardous Materials Storage, Use, or Handling			[b]	
	a) Carbon Dioxide System	\$321			Y
	b) 1 - 10 chemicals	\$482			Y
	c) 11 - 20 chemicals	\$964			Y
	d) 21 or more chemicals	\$1,926			Y
49	Hazardous Waste Generator				
	a) Hazardous Waste Generator Fee < 55 gal	\$321			Y
	b) Hazardous Waste Generator Fee 55 - 500 gal	\$482			Y
	c) Hazardous Waste Generator Fee 501 - 2,500 gal	\$643			Y
	d) Hazardous Waste Generator Fee > 2,500 gal	\$964			Y
50	Tiered Permitting				
	a) Permit by Rule (PBR)	\$964			Y
	b) Conditionally Authorized	\$482			Y
	c) Conditionally Exempt	\$482			Y
51	Liquefied Petroleum Gas (LPG)				
	a) Annual tank > 125 gal	\$321			Y
	b) Tank installation (plan review and inspection)	\$643			Y
52	State of California Surcharge CALARP	\$270			N
53	State of California Surcharge Hazardous Materials	\$49			N
54	Review of Hazardous Materials Risk Management Plans	\$161	per hour		Y
55	Review of Hazardous Materials Emergency Response Plans	\$161	per hour		Y
56	Hazardous Materials Emergency Spill Response	Actual Cost			Y
57	Hazardous Materials Oversight of Remediation	\$161	per hour		Y

Fire Prevention Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'ftr
Underground Storage Tanks					
58	Annual Permit	\$1,605			Y
59	Tank Installation (plan review and inspection)				
	a) First tank	\$3,210			Y
	b) Each additional tank	\$482			Y
60	Transfer of Ownership	\$321			Y
61	Tank Removal or Abandonment	\$1,605			Y
62	System Modification	\$643			Y
63	UST System Cold Start / Minor Modification	\$321			Y
64	UST Piping Upgrade	\$1,284			Y
65	State of California UST Surcharge (per tank)	\$20			N
Aboveground Storage Tanks					
66	Annual Permit				
	a) Annual Permit ≥ 1,320 gal & < 10,000 gal	\$321			Y
	b) Annual Permit ≥ 10,000 gal & < 100,000 gal	\$482			Y
	c) Annual Permit ≥ 100,000 gal & < 1,000,000 gal	\$643			Y
	d) Annual Permit > 1,000,000 gal	\$964			Y
67	Tank Installation (plan review and inspection)				
	a) First tank	\$643			Y
	b) Each additional tank	\$161			Y
68	Transfer of Ownership	\$321			Y
69	Tank Removal or Abandonment	\$643			Y
70	System Modification	\$482			Y
71	State of California APSA Surcharge	\$26			N
Administrative Fees					
72	Copy of Incident Report (per incident)	\$13			Y
73	Media Reproduction (audio, video, photographic)	Actual Cost			Y
74	Emergency Response Caused by DUI	Actual Cost			Y
75	Weed Abatement Administrative Parcel Fee	\$321			Y
76	Code Appeal	\$804			Y
77	Fire Flow / Hydrant Test	\$482			Y
78	Fire & Life Safety Division Hourly Rate	\$161	per hour		Y
79	Minimum Intake Fee	\$161			Y
80	Voluntary Inspection	\$321			Y
81	Technical Report (alternate material or method request)	\$1,284			Y
82	Inspection Requests (after normal business hours)	\$482			Y
83	Administrative Fee (excessive resubmittals and inspections)	\$403			Y
84	Expedited Plan Review Fee (per hour)	\$190	per hour		Y
85	Re-inspection Fee	\$321			Y
86	Administrative Fee (work without a permit)	\$482			Y
87	Code Review or Design Consultation (per hour)	\$161			Y
88	False Alarm Fee	\$403			Y
89	Fire Extinguisher Training	\$482			Y

Fire Prevention Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
90	Late Payment Penalty for Permits				
	a) 30 days past due	\$50			N
	b) 60 days past due	\$100			N
	c) 90 days past due	\$200			N

[a] Third party plan review, when available, shall be assessed and paid at time of permit application. The fee for this service is the hourly or flat rate charged by the consulting firm performing the review. This fee is in addition to the permit Administration Fees identified in the "Plan Review (Including Inspection Service) Plan Review Conducted by City Approved Consultant" of this fee schedule for the additional resources required to facilitate the process.

[b] Fee includes Hazardous Waste Generator < 55 gal.

General Information

- * All fees or charges shall be calculated at one (1) hour minimum unless otherwise specified.
- * All fees for specified services shall be calculated by the Fire Department.
- * When required, no permit or approval shall be issued until facility or process is brought into compliance with applicable codes and the required service fee is paid in full.
- * When a requester fails to cancel a requested inspection prior to the scheduled time of inspection, the standard inspection fee shall be charged, with a one hour minimum fee.

CUPA/Hazardous Materials Compliance Incentive Program

To qualify for a 25% discount on annual CUPA permit fees, a business cannot have within the last three years, any Class 1 violations of CCR Title 22, Title 23, or Title 24.

A business also cannot have any repeat violations noted during the previous year's inspection. All other violations or deficiencies must have been corrected within 30 days of the last inspection. Annual permit fees must have been paid by the date indicated on the annual permit invoice. A business may qualify for this discount annually if the above listed criteria is met.

Police Department Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Alarm Permit Application				
	a) Initial permit application	\$35	for two-year permit		N
	b) Renewal permit application	\$15	for two-year permit		N
	c) Late Filing Fees				
	i) Less than 30 days late	\$5			N
	ii) 30 Days	\$20			N
	iii) 60 Days	\$40			N
	iv) 90 Days	\$80			N
	v) 91+ Days				
	a) Base Fee	\$80			N
	b) Administrative Citation	TBD			N
	c) Fine	\$100			N
2	Excessive False Alarms:				
	a) First false alarm				
	i) Burglary	\$0	flat fee	[a]	N
	ii) Duress/robbery	\$0	flat fee	[a]	N
	b) Second false alarm				
	i) Burglary	\$60	flat fee	[a]	N
	ii) Duress/robbery	\$60	flat fee	[a]	N
	c) Third false alarm				
	i) Burglary	\$85	flat fee	[a]	N
	ii) Duress/robbery	\$85	flat fee	[a]	N
	d) Fourth false alarm				
	i) Burglary	\$100	flat fee	[a]	N
	ii) Duress/robbery	\$150	flat fee	[a]	N
	e) Fifth and subsequent false alarms				
	i) Burglary	\$150	flat fee	[a]	N
	ii) Duress/robbery	\$200	flat fee	[a]	N
3	Appeal of Decision to Deny, Suspend, or Revoke an Alarm Permit	\$75	flat fee		N
4	Traffic Collision Report	\$10	per request		Y
5	Impounded Vehicle Release Fee	\$165	per vehicle	[b]	Y
6	Vehicle Tow Hearing	\$83	per request		Y
7	Criminal Background / Good Conduct Letter (aka Records Check and Clearance Letter)	\$20	per request		N
8	Commercial Indoor Firing Range Permit	\$106	flat fee		Y
9	Retail Firearms Dealer License				
	a) Initial permit application	\$106	flat fee		Y
	b) Renewal permit application	\$106	flat fee		Y

Police Department Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
10	Adult-oriented Business				
	a) Initial permit application				
	i) Permit fee	\$277	flat fee		Y
	ii) Dept of Justice fee	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
	b) Renewal permit application				
	i) Permit fee	\$277	flat fee		Y
11	Entertainment Permit				
	a) Initial permit application				
	i) Permit fee	\$212	flat fee		Y
	ii) Dept of Justice fee	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
	b) Renewal permit application				
	i) Permit fee	\$212	flat fee		Y
12	Ice Cream Vendor Permit Application				
	a) Initial permit application				
	i) Permit fee	\$42	flat fee		Y
	ii) Dept of Justice fee	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
	b) Renewal permit application				
	i) Permit fee	\$42	flat fee		Y
13	Massage Business Permit Application			[d]	
	a) Initial permit application				
	i) Permit fee	\$130	flat fee		Y
	ii) Dept of Justice fee	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
	b) Renewal permit application				
	i) Permit fee	\$31	flat fee		Y
14	Pawnbroker/Secondhand Dealer				
	a) Initial permit application				
	i) Permit fee	\$106	flat fee		Y
	ii) Dept of Justice fee	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
	b) Renewal permit application				
	i) Permit fee	\$68	flat fee		Y

Police Department Fees

Fee Description	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
15 Taxicab Driver Permit Application				
a) Initial permit application				
i) Permit fee	\$50	flat fee		N
ii) Dept of Justice fee	\$32	flat fee	[c]	N
iii) LiveScan fingerprint rolling fee	\$15	flat fee	[c]	N
iv) Additional FBI fingerprinting fee, if applicable	\$17	flat fee	[c]	N
b) Renewal permit application				
i) Permit fee	\$50	flat fee		N
16 Noise Violation	actual cost of enforcement	per separate offense following first citation		Y
17 Extraordinary Law Enforcement Services (multiple responses to disturbance w/in 12-hrs)	actual cost of enforcement	per separate offense following first warning		Y
18 Supplemental Law Enforcement Services				
a) Hourly Rates for Police Dept Personnel				
i) Community Service Officers	\$45	per hour		Y
ii) Police Officers	\$69	per hour		Y
iii) Sergeants	\$84	per hour		Y
iv) Dispatchers	\$57	per hour		Y
b) Hourly Rates for Marked Vehicles				
i) Base Rate	\$25	per hour		N
ii) Per mile rate, for each mile over 50	\$0.58	per mile	[e]	N
19 Concealed Weapon License	n/a - issued by Placer County Sheriff		[f]	N

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Fines are determined by the combined number of both burglary and duress/robbery false alarms. Reimbursement may be waived by the police chief where uncommon circumstances not considered an emergency resulted in false alarm and where the permittee has undertaken to correct alarm system deficiencies.

[b] This fee shall be collected only from the registered owner or agent of the registered owner. This fee shall not apply to vehicles impounded as the result of automobile accidents, abatement program, or lien sale, unless the sale is sufficient in amount to pay the lienholder's total charges and administrative costs.

[c] This fee is not established by the City of Roseville. It may be collected on behalf of, or directly by, a third party (e.g. vendor; other public agency). The fee schedule is intended to mirror amounts adopted by third parties. If the amount charged by a third party changes, the amounts collected by the City on behalf of the third party are presumed to change simultaneously. Amounts shown in the fee schedule will be updated as soon as practicable after the City receives notice of the fee change.

[d] Fee amounts shown are for non-state certified massage therapist applications. There is no fee for State-certified massage therapists/practitioners registering to provide massage services or activities within the City of Roseville.

[e] Set to match IRS standard mileage rates.

[f] Any Roseville resident wishing to apply for a license to carry a concealed weapon shall be directed to the Placer County Sheriff's Office for permit application and the permit process.

Animal Licensing and Permit Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Dog License				
	a) 1 Year				
	i) Certified altered dogs	\$22	each		Y
	ii) Non-altered dogs	\$44	each		Y
	iii) Senior Discount	\$5 off standard fee	each		N
	b) 2 Years				
	i) Certified altered dogs	\$43	each		Y
	ii) Non-altered dogs	\$87	each		Y
	iii) Senior Discount	\$5 off standard fee	each		N
	c) 3 Years				
	i) Certified altered dogs	\$64	each		Y
	ii) Non-altered dogs	\$129	each		Y
	iii) Senior Discount	\$5 off standard fee	each		N
	d) Transfer of active license from other jurisdiction	\$0	each		Y
2	Delinquent Penalty for Failure to Renew License within 15 days of Expiration				
	a) Altered dog	\$5	flat fee		N
	b) Unaltered dog	\$10	flat fee		N
3	Lost License or Tag	\$5	flat fee		Y
4	Kennel License	\$11	per year		Y
5	Special Animal Permit	\$42	per year		Y
6	Voluntary Disposal Fee				
	a) Dogs and Other Animals Commonly Considered Pets	\$0	per animal/litter		Y
	b) Livestock and Wild Animals	\$0	per animal		Y
7	Appeal of Decision to Destroy Vicious Animal	\$75	flat fee		N

* Per RMC 7.16.070, license fees are waived for: service dog owned by a person with a need for assistance; dog used by any law enforcement personnel; dog owned by any government entity or political subdivision

Oversize Vehicle Permit Fees and Building Moving Permit Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Oversize Vehicle Permit				
	a) Single trip permit	\$16	per vehicle	[a]	N
	b) Annual permit	\$90	per vehicle	[a]	N
2	Building Moving Permit				
	a) Base Fee	\$27	per request		Y
	b) Costs of plan review, utility and street light moving, tree trimming, traffic directing, etc.	actual costs	per request		Y

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Oversize vehicle permit fees set to match fees adopted by California Department of Transportation (CalTrans).

Parking Permit Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Residential Parking Permit	\$0	per vehicle		N
2	Merchant Parking Permit				
	a) January 1st through December 31st	\$20	per vehicle		N
	b) July 1st through December 31st	\$10	per vehicle		N

* Permit is valid only for the calendar year issued. A merchant parking permit is issued to a specific vehicle and is not transferable. A valid merchant parking permit decal must be appropriately displayed on the left rear bumper or left rear window of the permittee's vehicle.

Special Event, Film, and Banner Permit Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Special Event Permit				
	a) Application Fee				
	i) Event that requires limited site/plan review, no closures, etc. (i.e. park rentals/activities, misc. events, etc.)	\$110	per event	[a]	Y
	ii) Event that requires, but not limited to, street/parking lot closures, site/plan review, trail use, etc. (i.e. fun runs, festivals, parking garage, etc.)	\$250	per event	[a]	Y
	b) Service Charges	actual costs			Y
	c) Park/facility rental fee	varies by location	per event		N
2	Photography and Filming Permit				
	a) Application Fee				
	i) Cast and Crew Totaling One to Three Persons	\$110	per permit	[a],[b]	Y
	ii) Cast and Crew Totaling Four or More Persons; with Street Closure	\$250	per permit	[a],[b]	Y
	b) Service Charges	actual costs			Y
3	Banner Permit	\$63			Y

[a] Application fees are non-refundable.

[b] Non-commercial photography and photography/film not requiring exclusivity does not need a permit. The Department Director may waive fees for bona fide student film/photography projects and non-profit projects. The permitting process for filming/photography is still applicable for these projects (i.e. permit is required). Service charges are still applicable.

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

Parks, Recreation, & Libraries Department Fees

Fee Description		FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Parks, Recreation, & Libraries Department Program, Class, Facility Use, and Service Fees	See Note		[a]	N
2	Capital Replacement Fee	Not to exceed 10% of program fee	per registration		N

[a] See Department for Recreation Guide and Programs, Events, and Classes information, Facility Use, and Service Fees. Information is updated seasonally. Fees are approved by the Department Director. Fees are established and updated using the Departmental Pricing Policy.



Illustration of Current and Proposed Fees

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Administrative Fees

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
City-Wide Records					
1 Documents					
a) 8.5 x 11 - Black and White	No Charge	No Charge			N
i) 0 - 9 Copies					
ii) 10+ Copies	\$0.10	\$0.10	per page		N
b) 8.5 x 14 and 11 x 17 - Black and White	\$0.20	\$0.20	per page		N
c) Color Copies					
i) 8.5 x 11	\$0.50	\$0.50	per page		N
ii) 11 x 17	\$1.00	\$1	per page		N
iii) 18 x 24	\$2.00	\$2	per page		N
iv) 24 x 36	\$3.00	\$3	per page		N
2 Photos	\$0.50	\$1	per copy		N
3 Recordings	\$6	\$6	each		N
4 Agenda Subscription					
a) 6 Months	\$20	\$20			N
b) 12 Months	\$40	\$40			N
5 Budget Book					
a) Available on City website	No charge	No charge			N
b) Hardcopy	Actual cost or per page fee	Actual cost or per page fee			N
6 Requests Requiring Special Programming or Formatting	Actual cost	Actual cost		[a]	N
Passport					
7 Passport Processing Fee	\$25	\$35		[b]	N
8 Passport Photo Fee	\$12	\$12			Y
9 Passport Express Postage	Actual postage cost	Actual postage cost			N
Notary					
10 Notary Charge	\$15	\$15	each		N
Subpoena					
11 Subpoena Fees	Fees Vary - See Note	Fees Vary - See Note		[b]	N
Election					
11 Candidate Nomination Filing Fee	\$25	\$25	per filing	[b]	N
12 Fee for Late Filing of Reports of Campaign Contributions and Expenditures	See Note	See Note		[c]	N
Amplified Sound					
13 Sound Permit	\$24	\$25			Y
Franchise Application					
14 Franchise Application Fee					
a) Refuse Hauler	\$260	\$260	two-year term		N
b) Community Antenna Television System	\$100	\$100			N
c) All Others	\$150	\$150			N

[a] Fee for preparation of reports/formats that need to be generated by the City because they are not typically maintained. Amounts charged will include a pass-through of any vendor costs incurred.

[b] Maximum fees established by State/Federal agencies.

[c] See Roseville Municipal Code Fine Schedule and/or Roseville Municipal Bail Schedule.

City of Roseville
Schedule of User and Regulatory Fees

Revenue and Finance Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Short Term Rental Application Fee	\$185	\$185		[a]	N
2	Short Term Rental Renewal Fee	\$85	\$85	per application		N
3	Delinquent fee (percentage of renewal fee)	60% (or \$51)	60% (or \$51)	per application	[b]	N

[a] Fees are approved by the Chief Financial Officer.

[b] Delinquent fees are charged if the renewal fee is received more than 30 days past original expiration date.

Utility Customer Billing, Accounting, and Service Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Y'rly In'fltr
1	Reestablishment Fee - Residential Electric			
	a) During Normal Hours	\$40	\$40	N
	b) After Hours	\$85	\$85	N
2	Reestablishment Fee - Commercial Electric			
	a) During Normal Hours	\$150	\$150	N
	b) After Hours	\$175	\$175	N
3	Reestablishment Fee - Water	\$150	\$150	N
4	Returned Check/ABD/ACH Fee (for first dishonored check or EFT)	\$25	\$25	N
5	Subsequent Returned Check/ABD/ACH Fee (after the first dishonored check or EFT)	\$35	\$35	N
6	Late Payment Fee	5% of late balance	5% of late balance	N
7	Unauthorized Service Reconnect Fee	\$50	\$50	N
8	Utility Bill Reprint Fee	\$1	\$1	N
9	Access Fee	\$50	\$50	N
10	Same Day Service	Equal to Reestablishment Fee	Equal to Reestablishment Fee	N

Planning (Entitlement) Fees

Fee Description		FY 18-19 Fixed Fee	FY 18-19 Deposit	FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
Appeals							
1	Planning Director's Decision	\$1,417		\$1,479			Y
2	PC/DC Decision to City Council	\$1,327		\$1,384			Y
Annexations							
1	Annex/PZ/Detach/SOI		\$20,000		\$20,000		Y
Development Agreements (DA)							
1	Adoption of DA		\$20,000		\$20,000		Y
2	Amendment of DA		\$20,000		\$20,000		Y
3	Associated with Affordable Housing	\$2,582		\$2,694			Y
4	Associated with Single Topic Item	\$6,020		\$6,283			Y
5	Development Agreement Review/Compliance Fee	\$1,655		\$1,727		[a]	Y
Environmental Review							
1	Exemption Without Initial Study	\$382		\$398			Y
2	Exemption With Initial Study	\$898		\$937			Y
3	Negative Declaration with No Mitigation	\$1,348		\$1,406			Y
4	Tiered Negative Declaration with Mitigation	\$2,684		\$2,801			Y
5	EIR Deposit		\$20,000		\$20,000		Y
General Plan Amendment (GPA)							
1	GPA 10 Acres or Less, Map/Text		\$10,000		\$10,000		Y
2	GPA 10+ Acres, Map/Text		\$17,000		\$17,000		Y
3	GPA - Text Policy Amend		\$15,000		\$15,000		Y
Public Utility Easement Abandonment							
1	Summary Vacation	\$2,984		\$3,114			Y
2	General Vacation	\$4,426		\$4,648			Y
Signs							
1	Standard Sign Permit	\$260		\$271			Y
2	Planned Sign Permit Program	\$1,057		\$1,103			Y
3	Sign Permit/Program - Public Hearing Required	\$2,193		\$2,289			Y
4	Administrative Permit for Sign Exception (Variance)	\$1,994		\$2,081			Y
5	PSP Minor Modification	\$283		\$295			Y
Specific Plan Amendment (SPA)							
1	SPA Adoption, Map/Text		\$30,000		\$30,000		Y
2	SPA 10 Acres or Less, Map/Text		\$10,000		\$10,000		Y
3	SPA 10+ Acres, Map/Text		\$20,000		\$20,000		Y
4	SPA Text/Policy Deposit		\$15,000		\$15,000		Y
Subdivisions/Condominiums							
1	Grading Plan - Minor	\$2,950		\$3,245			Y
2	Grading Plan - Major		\$8,000		\$8,000		Y
3	Lot Line Adjustment	\$2,950		\$3,245			Y
4	Extension to a Tentative Map	\$2,950		\$3,245			Y
5	Voluntary Merger	\$2,950		\$3,245			Y
6	Reversion to Acreage	\$4,308		\$4,738			Y
7	Minor Modification to a Tentative Map		\$2,000		\$2,000		Y
8	Major Modification to a Tentative Map		\$10,000		\$10,000		Y
9	Tentative Parcel Map, 4 or Fewer Lots		\$6,000		\$6,000		Y
10	Tentative Parcel Map, 5 - 99 Lots		\$11,000		\$11,000		Y
11	Tentative Parcel Map, 100 - 499 Lots		\$16,000		\$16,000		Y
12	Tentative Parcel Map, 500+ Lots		\$24,000		\$24,000		Y
Zoning Ordinance Entitlements							
1	Administrative Permit	\$1,242		\$1,296			Y
2	Conditional Use Permit		\$9,000		\$9,000		Y
3	CUP Modification		\$5,000		\$5,000		Y
4	CUP Extension	\$5,602		\$5,847			Y
5	Design Review Permit (DRP)		\$8,000		\$8,000		Y

Planning (Entitlement) Fees

Fee Description		FY 18-19 Fixed Fee	FY 18-19 Deposit	FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
6	DRP - Modification		\$5,000		\$5,000		Y
7	DRP - Extension	\$4,990		\$5,207			Y
8	DRP - Minor	\$210		\$219			Y
9	DRP - Additions or New Construction (DTSP Only)	\$210		\$219			Y
10	DRP - Façade Improvements (DTSP Only)	\$210		\$219			Y
11	DRP - Predesign (DTSP Only)	\$210		\$219			Y
12	DRP - Residential Subdivision with Other Permit	\$5,532		\$5,773			Y
13	Flood Encroachment Permit		\$8,000		\$8,000		Y
14	MPP Stage 1 or Stages 1 & 2		\$20,000		\$20,000		Y
15	MPP Modification		\$7,000		\$7,000		Y
16	MPP Stage 2, Extend of Stage 1 and/or 2		\$7,000		\$7,000		Y
17	MPP Administrative Modification	\$1,619		\$1,690			Y
18	Planned Development Permit		\$11,000		\$11,000		Y
19	TP Admin - Approved at Public Counter	\$207		\$216			Y
20	TP - Req. Public Hearing for SFD or 10 Trees or Less	\$3,761		\$3,925			Y
21	TP - Req. Public Hearing for DRP/TM or 11+ Trees	\$5,806		\$6,059			Y
22	Administrative Variance	\$1,241		\$1,295			Y
23	Variance to Develop Standards - Req. Public Hearing	\$4,302		\$4,490			Y
24	Variance to Parking Standards	\$5,227		\$5,455			Y
25	Wireless Telecommunications Facilities Permit		\$1,200		\$1,200		Y
26	Zoning Clearance	\$142		\$148			Y
27	Zoning Interpretation - Hearing Required	\$3,322		\$3,467			Y
28	Zoning Interpretation - Non Hearing Item	\$129		\$134			Y
Zoning Ordinance Amendments							
1	Ordinance Text Amend (Zoning, Subdivision, Sign)		\$10,000		\$10,000		Y
2	Zoning Map Change (RZ) 10 Acres or Less		\$10,000		\$10,000		Y
3	Zoning Map Change (RZ) 10+ Acres		\$17,000		\$17,000		Y
Other							
1	Pre-Application Meetings		\$4,000		\$4,000	[b]	Y
2	New Non-Residential Plan Check	15% of Bldg PC		15% of Bldg PC		[c]	N
3	Commercial Plan Check - TI	\$158		\$165		[c]	Y
4	Planning Department Plot Plan Review (Bundles of 10)	\$158		\$165			Y
5	Radius List Prep-Previously Developed Area	\$131		\$137			Y
6	Preparation Undeveloped Area/Mailing	\$337		\$351			Y
7	Farmer's Market Permit	\$494		\$515			Y
8	Home Occupation Permit	\$142		\$148			Y
9	Parking In-Lieu Fee (DTSP Only)	\$9,680		\$9,680		[d]	N
10	In-Lieu Tree Mitigation Fee (Per Inch)	\$118		\$118		[e]	N
11	CUP - Vernon St. and Historical District Only	\$1,414		\$1,475			Y
12	Technology Fee	3.0%		3.0%			N

Planning (Entitlement) Fees

Fee Description	FY 18-19 Fixed Fee	FY 18-19 Deposit	FY 19-20 Fixed Fee	FY 19-20 Deposit	Note	Y'rly In'fltr
Full Cost Deposits and Deposit Replenishment						
Applicants for Full Cost Entitlement Applications shall pay for all City staff time required to process the application. A full cost reimbursement agreement shall be included with the project application submittal package. Projects outside the scope of this fee schedule (as determined by the Development Services Director) will be subject to a full cost reimbursement agreement to be approved by the City Council. This reimbursement agreement will include the identification of a work program and will include cost estimates for both City staff time and consultant services based on a defined scope of work. Initial deposits as shown on the fee schedule will be collected and held by the City in a deposit account at the time the application is submitted. The cost of staff time will be drawn from the deposit account. A positive account balance shall be maintained at all times during the review process. No work will be performed on a project with a negative fund balance. If the deposit is reduced to below 20% of the initial deposit amount, the applicant will be notified and required to supplement the deposit account with an additional amount no less than 50% of the original deposit. When more than one Full Cost application is submitted, the sum total of the initial full cost deposit amount can be reduced by 20%. Funds expended for staff time shall not be dependent upon the City's approval or disapproval of the application request. The deposit account will be held open for 90 days after project approval for City to complete any miscellaneous clean up items and to account for all project related costs. Any deposit amounts remaining after final project close out will be returned to applicant. In the event that the deposit account is exhausted prior to final close out, the balance owed to the City will be credited against the plan check and inspection fee deposit at time of improvement plan review. As may be required by the Development Services Department for project evaluation or environmental review, all payment for consultant work shall be the responsibility of the applicant.						

** Note regarding annual inflationary adjustment: The Initial deposit amounts will not be inflated annually, but the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

Refund Policy
Application fees are not refundable except as follows: A. Refund of 100% shall be made if a determination is made by the Development Services Director that the permit and associated fee are not required by the City of Roseville Municipal Code or adopted City Resolution. B. If an applicant requests to withdraw a fixed fee application prior to the PEM, refund of 50% of the applicable fee shall be refunded. C. No refund of application fees shall be made after a Project Evaluation Meeting has been held, unless a fee waiver is approved by the Roseville City Council.

[a] Development Agreement Review/Compliance Fee pertains to individual development agreements. Fee will be distributed to landowners on a pro-rata basis.

[b] Pre Application Meetings – The City will provide up to 2 meetings with staff to discuss the initial project review and City policies relative to the proposed project. Additional meetings and staff review prior to a formal application shall be billed on a time and material basis. The project proponent will be asked to submit the pre application deposit and a full cost reimbursement agreement. Staff will record all time against the deposit account. Balances remaining in the deposit account will be applied to the application deposit account or refunded within 60 days. Negative balances will be due in full along with the application deposit or fee at time of Entitlement Application submittal.

[c] Non-Residential - Per Building Code, this includes Commercial and Multi-family developments. Plan Check Fees to be assessed as part of Building Department Plan Check Fee. This fee shall be 15% of the building Plan Check Fee for New Non-Residential construction (Commercial and Multi-family). Fee to be collected with Building's Plan Check Fee.

[d] Parking In-Lieu Fee is an optional fee that non-residential uses in the Downtown Specific Plan Area can utilize instead of providing required parking on-site. Fees for the 1st stall will be 10% of the parking in-lieu fee, 2nd stall 25%, 3rd Stall 50%, 4th stall 75% and 5 or more stalls 100% of the in-lieu fee.

[e] In-Lieu Tree Mitigation Fee for the removal of protected trees is calculated per inch of the diameter at breast height of the tree.

Development Services Engineering and Encroachment Permit Fees

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Initial Deposit	Fee Paid	Bond Amount [a]	Note	Y'rly In'fltr
1 Final Subdivision Map	Billed hourly based on total labor hrs	Billed hourly based on total labor hrs	\$2,500 plus \$10 per lot	At submittal			Y
2 Final Parcel Map							
a) base fee	\$1,313	\$1,371		At submittal		[b]	Y
b) per lot fee	\$53	\$55		At submittal		[b]	Y
3 Lot Line Adjustment (per adjusted line)	\$236	\$247		At submittal		[c]	Y
4 Improvement Plan Check/Inspection	Billed hourly based on total labor hrs \$1,000 minimum	Billed hourly based on total labor hrs \$1,000 minimum	5% of Eng. cost est. 2.5% at submittal 2.5% at plan approval	2.5% at submittal 2.5% at plan approval	100% of improvements		Y
5 Grading Plan							
a) Subdivision, Commercial, or Industrial Sites	Billed hourly based on total labor hrs \$1,000 minimum	Billed hourly based on total labor hrs \$1,000 minimum	5% of Eng. cost est. 2.5% at submittal 2.5% at plan approval	2.5% at submittal 2.5% at plan approval	10% of erosion control and grading		Y
b) All Other Sites							
i) Up to 500 Cubic Yards	\$315	\$329	\$100 at submittal	\$100 at submittal remainder due at permit issuance	10% of erosion control and grading		Y
ii) Greater than 500 Cubic Yards	Billed hourly based on total labor hrs	Billed hourly based on total labor hrs	\$1,000 at submittal	\$1,000 at submittal balance due prior to final signoff	10% of erosion control and grading		Y
6 Encroachment Permit:							
a) Dumpster	\$63	\$66		At submittal	\$0		Y
b) Sidewalk	5% of Project Cost \$60 minimum	5% of Project Cost \$66 minimum		At submittal	\$1,000 / contractor		N
c) Driveway	5% of Project Cost \$60 minimum	5% of Project Cost \$66 minimum		At submittal	\$500/resident \$1,000/c'ntrctr		N
d) Lane Closure	\$158	\$164		At submittal	\$0		Y
e) Swim Pool Access	\$158	\$164		At submittal	TBD by Director		Y
f) Monitoring Wells	5% of Project Cost \$60 minimum	5% of Project Cost \$66 minimum		At submittal	\$2,000 per well		N
g) All Others	Billed hourly based on total labor hrs	Billed hourly based on total labor hrs	5% of Eng. cost est. 2.5% at submittal 2.5% at plan appr'vl; \$1,000 minimum	2.5% at submittal 2.5% at plan appr'vl	100% of improvements		Y
7 Technology Fee	3% of permit fee	3% of permit fee		At permit issuance			N

* Note regarding annual inflationary adjustment: The Initial deposit amounts will not be inflated annually, but the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.

[a] Bond amounts paid at permit issuance.

[b] Final parcel map fee collected as base fee plus per lot fee.

[c] Lot line adjustment fee is fee for each adjusted line.

Trench Cut Recovery Fees

Fee Description		FY 18-19 Permit Fee	FY 18-19 Trench Cut Fee	FY 19-20 Permit Fee	FY 19-20 Trench Cut Fee	Cut Fee Unit	Note	Y'rly In'fltr
Trench Cuts Requiring Pmt. of Admin. Permit Fee Only								
1	Street scheduled for resurfacing within next fiscal year	\$315	\$0.00	\$329	\$0.00			Y
2	Proposed excavation includes an overlay	\$315	\$0.00	\$329	\$0.00			Y
3	Proposed excavation for a CIP	\$315	\$0.00	\$329	\$0.00			Y
4	Street pavement quality index (PQI) 0-4	\$315	\$0.00	\$329	\$0.00			Y
All Other Trench Cuts								
5	Longitudinal Cut							
	a) Cut within 3' of lane line							
	i) PQI: 4.1 - 6.5	\$315	\$13.62	\$329	\$14.21	per LF		Y
	ii) PQI: 6.6 - 8.4	\$315	\$18.15	\$329	\$18.95	per LF		Y
	iii) PQI: 8.5 or greater	\$315	\$22.69	\$329	\$23.68	per LF		Y
	b) Cut within one lane width							
	i) PQI: 4.1 - 6.5	\$315	\$10.21	\$329	\$10.66	per LF		Y
	ii) PQI: 6.6 - 8.4	\$315	\$13.62	\$329	\$14.21	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$315	\$17.02	\$329	\$17.76	per LF	[a]	Y
6	Traverse Cut							
	i) PQI: 4.1 - 6.5	\$315	\$8.30	\$329	\$8.66	per LF		Y
	ii) PQI: 6.6 - 8.4	\$315	\$11.06	\$329	\$11.55	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$315	\$13.82	\$329	\$14.43	per LF	[a]	Y
7	Cut is a Patch							
	i) PQI: 4.1 - 6.5	\$315	\$9.19	\$329	\$9.59	per LF		Y
	ii) PQI: 6.6 - 8.4	\$315	\$12.25	\$329	\$12.79	per LF		Y
	iii) PQI: 8.5 or greater (<i>moratorium street</i>)	\$315	\$15.32	\$329	\$15.99	per LF	[a]	Y

[a] Moratorium streets require director approval for trenching.

Building Fees

A. Construction Valuation Table - Table A is the construction valuation table adopted for the purpose of establishing permit fees as construction valuation is a factor in the cost of providing permitting services. These valuations correlate to the square footage costs of permitting, plan review, and inspection services based upon the hourly rate for building services identified in this fee schedule.

Table A - Construction Valuation

Group		Valuation		Unit	Y'rly In'fltr
		<u>A</u>	<u>B</u>		
1	A-1 Assembly, theaters, with stage	\$93.60	\$46.80	per SF	N
2	A-1 Assembly, theaters, without stage	\$93.60	\$46.80	per SF	N
3	A-2 Assembly, nightclubs	\$93.60	\$46.80	per SF	N
4	A-2 Assembly, restaurants, bars, banquet halls	\$111.80	\$55.90	per SF	N
5	A-3 Assembly, churches	\$93.60	\$46.80	per SF	N
6	A-3 Assembly, general, community halls, libraries, museums	\$88.40	\$44.20	per SF	N
7	A-4 Assembly, arenas	\$105.30	\$52.65	per SF	N
8	B Business	\$88.40	\$44.20	per SF	N
9	E Educational	\$94.90	\$47.45	per SF	N
10	F-1 Factory and Industrial, moderate hazard	\$49.40	\$24.70	per SF	N
11	F-2 Factory and Industrial, low hazard	\$49.40	\$24.70	per SF	N
12	H-1 High Hazard, explosives	\$49.40	\$24.70	per SF	N
13	H-2,3,4 - High Hazard	\$49.40	\$24.70	per SF	N
14	H-5 - HPM	\$79.30	\$39.65	per SF	N
15	I-1 Institutional, supervised environment	\$126.72	\$63.36	per SF	N
16	I-2 Institutional, hospitals	\$131.29	\$65.65	per SF	N
17	I-2 Institutional, nursing homes	\$249.09	\$124.55	per SF	N
18	I-3 Institutional, restrained	\$145.80	\$72.90	per SF	N
19	I-4 Institutional, day care facilities	\$126.72	\$63.36	per SF	N
20	M Mercantile	\$62.40	\$31.20	per SF	N
21	R-1 Residential, hotels	\$97.50	\$48.75	per SF	N
22	R-2 Residential, multiple-family	\$100.18	\$50.09	per SF	N
23	R-3 Residential, one- and two-family	\$110.00	\$55.00	per SF	N
24	R-4 Residential, care/assisted living facilities	\$106.60	\$53.30	per SF	N
25	S-1 Storage, moderate hazard	\$42.90	\$21.45	per SF	N
26	S-2 Storage, low hazard	\$41.60	\$20.80	per SF	N
27	U Utility, miscellaneous	\$32.50	\$16.25	per SF	N

B. Determination of Construction Valuations - The building official shall determine construction valuations as follows:

- 1 New Construction.** New construction shall be based upon the square footage of the proposed project multiplied by the amount stated in **Column A of Table A** corresponding to the occupancy group, as determined by the building official, for a total construction value.
- 2 Improvements.** Improvements to existing buildings shall be based upon the square footage of the proposed improvements multiplied by the amount stated in **Column B of Table A** corresponding to the occupancy group, as determined by the building official, for a total construction value.

Building Fees

C. Commercial Building Valuations - Minimum commercial building valuations are stated below for the purposes of establishing minimum permit fees to cover the cost of service for the project listed. The higher valuation shall be assessed unless otherwise stated.

- 1 **Tenant Improvements Processed Over the Counter (OTC Permits).** Tenant Improvement OTC permits shall have a minimum valuation of \$8,000.
- 2 **Tenant Improvements Requiring Plan Submittal.** Tenant Improvements (TIs) requiring plan submittal shall have a minimum valuation based upon Column B of Table A. For purposes of this section, a tenant improvement is defined as any improvement, maintenance or other updating on commercial property; improvement, maintenance or other updating on multi-family property; improvement, maintenance or other updating on residential care facilities and model home sales complexes, including sales trailers.
- 3 **Commercial Photovoltaic.** Commercial photovoltaic permits shall be based on a set valuation of \$40,000.
- 4 **Electrical Service Upgrade.** Electrical service upgrade permit fees shall have a minimum valuation of \$3,000.
- 5 **Commercial Reroofing.** Commercial reroofing permits shall have a minimum valuation of \$423.17 per 100 square feet of roof area or a total minimum valuation of \$20,000.
- 6 **OTC Permits for Commercial Projects.** OTC permits for commercial projects such as demolition, electrical, mechanical, plumbing and other work not otherwise defined shall have a minimum valuation of \$3,000.
- 7 **OTC Permits for Commercial Projects.** OTC permits for commercial projects such as demolition, electrical, mechanical, plumbing and other work not otherwise defined shall have a minimum valuation of \$3,000.
- 8 **Cell Towers - Change out of Antennas Only.** Cell towers requiring change-out of antennas only shall be considered a TI remodel with a minimum valuation of \$3,000.
- 9 **Cell Towers - Major Remodel.** Cell towers undergoing a major remodel shall have a minimum valuation of \$8,000.
- 10 **Shelves and Racking.** Permits for shelves and racking shall be considered a TI remodel. Construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 11 **Stucco or Siding on Multi-Family.** For permits for stucco or siding on multi-family units, construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the linear footage of exterior home and garage x 1 SF (= remodel SF) by the amount stated in Column B of Table A for the R-2, Residential Multi-Family Occupancy Group.
- 12 **Stair Repair on Multi-Family.** For permits for stair repair on multi-family units, construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage of the stair area(s) x number of floors of the building(s) by the amount stated in Column B of Table A for the R-2, Residential Multi-Family Occupancy Group.
- 13 **Pool Replaster and Repairs.** For permits for commercial pool replaster and/or repairs, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the pool square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 14 **Electronic Gates.** For permits for electronic gates, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the lineal footage of the gate and replacement fence x 1 SF (=SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous
- 15 **Facade Remodel.** For permits for facade remodel, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the lineal footage of the facade x 1 SF (=SF) by the amount stated in Column B of Table A for the Occupancy Group listed on the certificate of occupancy.
- 16 **Spray Booth.** For permits for spray booth installation, the construction valuation for fee setting purposes shall be the GREATER OF \$8,000 OR the construction valuation calculated by multiplying the square footage of the booth area by the amount stated in Column B of Table A for the F, Factory and Industrial Occupancy Group.

Building Fees

- 17 **Parking Lot Restriping: Site Work.** Permits for parking lot restriping shall have a minimum valuation of \$8,000.
- 18 **ADA Upgrades.** Permits for ADA upgrades shall have a minimum valuation of \$8,000.
- 19 **Barrier Removal.** Permits for barrier removal shall have a minimum valuation of \$8,000.
- 20 **Crane install runways.** Permits for crane install runways shall have a minimum valuation of \$8,000.
- 21 **Construction Trailer.** For permits for construction trailers hooking up to water/sewer and/or electric, the construction valuation for fee setting purposes shall be calculated by multiplying the trailer square footage by the amount stated in Column B of Table A for the B, Business Occupancy Group.
- 22 **Commercial Charging Station.** For permits for commercial charging stations, the construction valuation for fee setting purposes shall be based on the construction valuation provided by the applicant with a minimum valuation of \$8,000.
- 23 **Emergency Generator to Cell Site.** Permits for emergency generators to cell sites shall have a minimum valuation of \$8,000.
- 24 **Pumpkin Lot/Tree Lot.** Permits for pumpkin or tree lots shall have a minimum valuation of \$8,000.

D. Residential Building Valuations - Minimum residential building valuations are stated below for the purposes of establishing minimum permit fees to cover the cost of service for the project listed. The higher valuation shall be assessed unless otherwise stated.

- 1 **Patio Covers.** Patio covers shall have minimum valuation based upon new construction valuation of Column A of Table A.
- 2 **Swimming Pools.** Swimming pools shall have a set valuation of \$25,000 for the purposes of establishing the building permit fee. The swimming pool construction contract valuation shall be reported on the permit application if such amount exceeds \$25,000.
- 3 **Residential Remodel.** Residential remodel permits shall have a minimum valuation based upon Column B of Table A.
- 4 **Residential Additions.** Residential additions shall have a minimum valuation based upon Column A of Table A (new construction).
- 5 **Combination of Residential Remodel and Residential Addition.** With respect to a permit application for a combination residential remodel and residential addition subsection (D)(3) shall apply with respect to the residential remodel portion and subsection (D)(4) shall apply with respect to the residential addition (new construction) portion for a total construction valuation for the permit.
- 6 **Photovoltaic.** Photovoltaic permits shall be based upon a set valuation of \$18,000 for the purposes of establishing the permit fee.
- 7 **Reroof.** Reroof permits for residential structures shall have a minimum valuation of \$239.49 per 100 square feet of roof area or a total minimum valuation of \$2,400.
- 8 **Plumbing OTC Permits.** OTC permits pertaining to plumbing shall have a minimum valuation of \$900.
- 9 **Mechanical, Electrical, Car Charging Stations, Demolition and Other OTC Permits Not Specified in this Section.** OTC permits for mechanical, electrical, car charging stations, demolition, and other permits not specified in this section shall have a minimum valuation of \$2,400.
- 10 **Stucco or Siding.** For permits for stucco or siding on residential units, construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the linear footage of exterior home and garage x 1 SF (= remodel SF) by the amount stated in Column B of Table A for the R-3, Residential, One- and Two-Family Occupancy Group.
- 11 **Fence or Retaining Wall.** For permits for residential fences or retaining walls, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the linear footage of fence or wall x 1 SF (= SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous
- 12 **Windows.** Permits for residential windows shall have a minimum valuation of \$2,400.

Building Fees

- 13 **Freestanding Fireplace.** Permits for a freestanding fireplace shall have a minimum valuation of \$2,400.
- 14 **BBQ.** Permits for a barbeque (BBQ) shall have a minimum valuation of \$2,400.
- 15 **Pool Replaster and Repairs.** For permits for residential pool replaster and/or repairs, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the pool square footage by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 16 **Shed.** For permits for residential sheds, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the square footage of the shed (= SF) by the amount stated in Column A of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 17 **Deck Repair.** For permits for deck repair, the construction valuation for fee setting purposes shall be the GREATER OF \$2,400 OR the construction valuation calculated by multiplying the square footage of the deck area being repaired (= SF) by the amount stated in Column B of Table A for the U, Utility, Miscellaneous Occupancy Group.
- 18 **Fire Repair.** For permits for residential fire repair, the construction valuation for fee setting purposes shall be calculated in the same manner as a residential remodel.

Building Fees

E. **Permit Fees** - Subject to any applicable minimum permit fees stated elsewhere in this schedule, Table B and B.1, shall apply for the purpose of establishing minimum permit fees.

Table B - Permit Fees							Table B - Permit Fees							Y'rly In'ftr
Total Valuation	FY 18-19 Permit Fee						FY 19-20 Permit Fee							
\$1 to \$500	\$52.53						\$54.82						Y	
\$501 to \$1,000	\$52.53	for the first \$500	plus	\$2.63	for each add'l \$100 or fraction thereof, to and including \$1,000		\$54.82	for the first \$500	plus	\$2.74	for each add'l \$100 or fraction thereof, to and including \$1,000	Y		
\$1,001 to \$3,000	\$65.66	for the first \$1,000	plus	\$2.89	for each add'l \$100 or fraction thereof, to and including \$3,000		\$68.52	for the first \$1,000	plus	\$3.02	for each add'l \$100 or fraction thereof, to and including \$3,000	Y		
\$3,001 to \$25,000	\$123.45	for the first \$3,000	plus	\$11.56	for each add'l \$1,000 or fraction thereof, to and including \$25,000		\$128.92	for the first \$3,000	plus	\$12.06	for each add'l \$1,000 or fraction thereof, to and including \$25,000	Y		
\$25,001 to \$50,000	\$367.45	for the first \$25,000	plus	\$9.46	for each add'l \$1,000 or fraction thereof, to and including \$50,000		\$394.24	for the first \$25,000	plus	\$9.87	for each add'l \$1,000 or fraction thereof, to and including \$50,000	Y		
\$50,001 to \$100,000	\$603.83	for the first \$50,000	plus	\$6.57	for each add'l \$1,000 or fraction thereof, to and including \$100,000		\$640.99	for the first \$50,000	plus	\$6.85	for each add'l \$1,000 or fraction thereof, to and including \$100,000	Y		
\$100,001 to \$500,000	\$932.14	for the first \$100,000	plus	\$5.25	for each add'l \$1,000 or fraction thereof, to and including \$500,000		\$983.49	for the first \$100,000	plus	\$5.48	for each add'l \$1,000 or fraction thereof, to and including \$500,000	Y		
\$500,001 to \$1,000,000	\$3,033.34	for the first \$500,000	plus	\$3.94	for each add'l \$1,000 or fraction thereof, to and including \$1,000,000		\$3,175.49	for the first \$500,000	plus	\$4.11	for each add'l \$1,000 or fraction thereof, to and including \$1,000,000	Y		
\$1,000,001 and up	\$5,005.32	for the first \$1,000,000	plus	\$2.10	for each additional \$1,000 or fraction thereof		\$5,230.49	for the first \$1,000,000	plus	\$2.19	for each additional \$1,000 or fraction thereof	Y		

Production Home Permit Fees - Building permits for production homes (those homes that are one and two family homes having an approved master plan, which is a complete set of building plans from which multiple homes may be constructed) shall have a minimum permit fee as calculated in Table B.1.

Table B.1 - Production Home Permit Fees				Table B.1 - Production Home Permit Fees				Y'rly In'ftr
Total Valuation	FY 18-19 Permit Fee			FY 19-20 Permit Fee				
\$0 to \$120,000	\$1,242.86			\$1,297.05				Y
\$120,001 and up	\$1,242.86 for the first \$120,000 plus \$8.40 for each add'l \$11,000 or fraction thereof			\$1,297.05 for the first \$120,000 plus \$8.77 for each add'l \$11,000 or fraction thereof				Y

Building Fees

F. Administration Fee - In addition to the permit fee, an administration fee is established for the city to recover the cost of permit application processing, permit issuance, and plan review and shall be applied as follows:

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Y'rly In'fltr
1	Permits Requiring Plan Submittal for Review	95% of the Building Permit Fee	95% of the Building Permit Fee	N
2	Over the Counter Permits Requiring Minimal or No Plan Review	25% of the Hourly Rate or Actual Cost (for time in excess of 1/2 hour)	25% of the Hourly Rate or Actual Cost (for time in excess of 1/2 hour)	N
3	Tenant Improvement Environmental Utilities Review			
	a) Same Use ¹	\$339	\$354	Y
	b) Change of Use ²	\$926	\$966	Y
4	Production Home Permits	37% of the Building Permit Fee	37% of the Building Permit Fee	N
5	Plans Submitted for the Purposes of Being Mastered	95% of the Building Permit Fee (based on SF valuation of proposed design)	95% of the Building Permit Fee (based on SF valuation of proposed design)	N
6	Emergency Water Heater Repair	Exempt From the Admin Fee (allocated one inspection visit. If add'l visits are required re-inspection fees apply for add'l visits)	Exempt From the Admin Fee (allocated one inspection visit. If add'l visits are required re-inspection fees apply for add'l visits)	N

Determination of Tenant Improvement (TI) Environmental Utilities Review Fee:

¹“Same Use” fee applies to any tenant improvement that requires review (by applicable statute) by the Placer County Department of Environmental Health (typical uses include restaurants, hair salons, and medical/dental offices), or tenant improvements that result in changes to equipment such as (but not limited to) triple compartment sinks, sewer lines within kitchen and maintenance areas, grease waste capturing equipment and tanks, water services including fire, domestic and irrigation, and exterior trash enclosures, etc. The fee does not apply to tenant improvements that do not involve new or modifications to existing plumbing. Examples of tenant improvements where the same use fee would not apply include: addition of new fixtures (sinks, toilets, etc) where no modification to plumbing is proposed, and addition or relocation of interior walls where no new or modification to existing plumbing is proposed. The fee shall also not apply to minor tenant improvements charged the minimum building permit fee based on project valuation.

² “Change of Use” fee applies to tenant improvements that result in a change from one use to another, such as (but not limited to) office/retail to restaurant, or office/retail to dental/medical office. The change in use fee also applies to plan review of modifications to commercial landscaping for compliance with water efficient landscape requirements.

Building Fees

G. Additional Time and Materials Fees and Refunds and Appeals - Building permits are subject to additional time and material fees where the cost of service provided by city exceeds the amount collected at application. Such fees shall be calculated as follows:

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1 Additional Services (1/2 hour minimum)	\$180	\$188	per hour	[a]	Y
2 Re-inspections (per scheduled stop)	\$105	\$110	per stop	[b]	Y
3 Inspections Outside of Normal Business Hours	\$180	\$188	per hour	[c]	Y
4 Work Commenced without a Permit	\$180	\$188	minimum	[d]	Y
5 Certificate of Occupancy (1 hour minimum)	\$180	\$188	per hour	[e]	Y
6 Permit Extension or Reinstatement of an Expired Permit	\$180	\$188	per hour	[f]	Y
7 Third Party Plan Review (fee is in addition to City Administration Fee in Section F)	pass through of consultant fee	pass through of consultant fee		[g]	N
8 Fees for Services Not Listed in this Schedule	Actual Cost	Actual Cost		[h]	N
9 Refunds and Appeals					
a) Fees erroneously paid by applicant or collected or charged by the agency	100% refund	100% refund		[i][l]	N
b) When no work has been commenced	up to 75% refund	up to 75% refund		[j][l]	N
c) Expired permit applications and permits	0% refund	0% refund		[k][l]	N

[a] Additional Services (e.g. administrative and plan review) Fees shall be assessed at time of permit issuance and/or prior to final inspection at application. Additional service is defined as follows:

1. Plan Reviews in excess of three (3) submittals to city for review and approval.
2. Plan Review by city departments other than the development services department for projects affecting other City services and not covered by any fees set forth in this section.
3. Other staff time and resources for the purposes of facilitating and approving permit applications and permits.
4. Expedited plan review, when available, and additional resources required to facilitate the expedited plan review process, including consultants and/or other city departments and divisions whose assistance is required for plan approval.

[b] Re-inspections may be assessed based on any of the following:

1. Inspections which are not ready at the time of the scheduled inspection, as determined by a city inspector.
2. Failure by applicant to complete inspection items from previous correction notices.
3. Inspections additional to the inspection with respect to emergency water heater permits.

[c] Inspections outside of normal business hours will be subject to a 2-hour minimum for evening work and a 4-hour minimum for weekend work.

[d] Whenever any work for which a permit is required has been commenced without first applying for a building permit and receiving permission by the building official, a minimum fee for investigation and administration shall be assessed in addition to the full cost of any required permits.

[e] The fee for a certificate of occupancy shall be a minimum of one hour, and any additional costs beyond one hour of staff time to approve such certificates.

[f] Permit applications and permits shall expire per the provisions of the California Building Code. Reinstatement and extensions may be granted provided that all costs incurred by the city to date of the request are paid for by the permit applicant. For this purpose, cost is defined as the hours expended for review and administration multiplied by the hourly rate.

[g] Third party plan review, when available, shall be assessed and paid at time of permit application. The fee for this service is the hourly or flat rate charged by the consulting firm performing the review. This fee is in addition to the permit Administration Fees identified in "Section F" of this fee schedule for the additional resources required to facilitate the process.

[h] Fees for services not otherwise listed in this schedule shall be determined by the building official and based upon the actual cost of providing the service.

[i] The building official may authorize refunding of any fee paid, or portion thereof, which was erroneously paid by applicant or collected by city.

[j] The building official may authorize refunding of not more than seventy-five percent (75%) of fees paid when no work has been done under a permit application or an issued permit in accordance with the adopted California Code of Regulations. In no case shall the refund exceed the cost of services provided to date of cancellation of permit issuance.

[k] Permit applications and building permits that have expired as defined in the California Building Code shall not be subject to any refund.

Building Fees

[I] A building permit applicant may, upon payment of the requested permit fees to city and otherwise complying with California Government Code Section 66022, protest the requested amount to the city council by lodging an appeal with the building official. City staff shall schedule the appeal to be heard by the city council as soon as reasonably practicable.

Building Fees

H. Technology Fee, General Plan Maintenance Fee, Strong Motion Impact Fee, SB 1473 Fee

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Note	Y'rly In'fltr
1	Technology Fee (applicable to building permits, fire permits, improvement plan, and entitlement fees)	3%	3%	[a]	N
2	General Plan Update Fee	\$0.50 per \$1,000 valuation, not to exceed \$20,000	\$0.50 per \$1,000 valuation, not to exceed \$20,000		N
3	Strong Motion Impact (SMI) Fee Calculation				
	a) Residential	\$0.50 or valuation x .00013	\$0.50 or valuation x .00013	[b]	N
	b) Commercial	\$0.50 or valuation x .00028	\$0.50 or valuation x .00028	[b]	N
4	Building Standards Administration Special Revolving Fund (SB 1473) Fee Calculation				
	Valuation:				
	a) \$1 - \$25,000	\$1	\$1	[b]	N
	b) \$25,001 - \$50,000	\$2	\$2	[b]	N
	c) \$50,001 - \$75,000	\$3	\$3	[b]	N
	d) \$75,001 - \$100,000	\$4	\$4	[b]	N
	e) Every \$25,000 or fraction thereof above \$100,000	Add \$1	Add \$1	[b]	N

[a] "Building permit" means the permit issued or required by the city for the construction or modification of any structure pursuant to and as defined by the building code. "Fire permit" means the permit issued or required by the city for the construction or ongoing operations of a structure or business pursuant to and as defined by the fire code. "Improvement plan" means the permit issued or required by the city for the construction of any public or private site improvements as defined by the city's improvement and construction standards. "Entitlement" means those approvals provided under Title 19, Zoning.

[b] Fee set by State.

Building Fees

I. Findings Regarding Permit Fees for Residential Rooftop Solar Energy Systems - Pursuant to Section 66015 of the California Government Code (Fees for Rooftop Solar Energy Systems), the city council finds that the reasonable cost to issue a permit for a residential rooftop solar energy system exceeds \$450 plus \$15 per kilowatt (kW) for each kW above 15 because issuance of the permit requires all of the following:

- 1 One-half (1/2) hour administration time for application and data input
- 2 1/2 hour administration time for permit issuance and one hour plan review time including up to two (2) submittals
- 3 Typically 2 inspections at a minimum of 1/2 hour of staff time
- 4 Other applicable fees assessed by the State of California and by the Roseville Electric Department pursuant to the Roseville Electric Solar Energy Program Meter Upgrade Charges, as amended from time to time

This higher fee results in a quick and streamlined approval process.

Development Impact Fee Deferral Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Development Impact Fee Deferral					
	a) Residential	\$268	\$280	per deferral		Y
	b) Non-Residential					
	i) Administrative Fee	\$750	\$783	per deferral		Y
	ii) Interest Charge on Deferred Fees	equal to unearned interest based on City's 10-yr avg pooled interest rate	equal to unearned interest based on City's 10-yr avg pooled interest rate	per deferral	[a]	N

[a] Fee deferral will result in a loss of interest income on monies deferred over the construction timeframe. The interest charge is intended to cover these costs.

City of Roseville
Schedule of User and Regulatory Fees

Housing Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Reconveyance Fee	n/a - new fee	\$332	per occurrence		Y
2	Subordination Fee	n/a - new fee	\$386	per occurrence		Y

Electric Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
Solar Energy Program - Meter Upgrade Charges						
1	Residential PV Net-Meter	\$675.30	\$782.02			Y
2	Business PV Net-Meter (<10kW system size)	\$1,659.21	\$1,659.21			Y
3	Business PV Net & PBI Meter (10-100kW system size, up to 200amp PBI panel)	\$2,715.88	\$2,715.88		[a]	Y
4	Business PV Net & PBI Meter (10-100kW system size, >200amp PBI panel)	\$4,419.92	\$4,419.92		[a]	Y
5	Variance Review Request	\$203.66	\$203.66	per hour		Y
6	Plan Reviews or Field Meets Exceeding the Initial and Subsequent Submittal Limit	\$203.66	\$203.66	per hour	[b]	Y
7	PBI Meter Installations Requiring a Phone Switcher	\$290.34	\$290.34	per switcher		Y
Other Service Fees						
8	Pedestal Meter Fee	\$331.67	\$331.67			Y
9	Temporary Power Meter Set					
	a) Temp Power Meter Set Fee - Residential	\$269.90	\$269.90			Y
	b) Temp Power Meter Set Fee - Commercial	Actual Cost	Actual Cost			Y
10	Extension of Facilities	Actual Cost	Actual Cost			Y
11	Svc Connections and Facilities on Customer's Premises	Actual Cost	Actual Cost			Y
12	Meter Test					
	a) Test - More than six-months since prior test	\$0.00	\$0.00			Y
	b) Test - Within six-months of meter install or prior test	Actual Cost	Actual Cost			Y
13	Overhead-to-Underground Conversion of Overhead Utilities	Actual Cost	Actual Cost			Y
14	Small Cell Plan Check Fee	\$767.89	\$767.89			Y

* Note regarding annual inflationary adjustment: For items billed at actual cost or items billed at average labor and material rates, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.

* All meter upgrade costs must be paid prior to receiving interconnection approval to operate the PV system.

[a] Customer is required to supply a dedicated working phone line and monitoring for the duration of the PBI payment term. See the construction standards for phone line requirements.

[b] The initial and first resubmittal plan review and the initial and first resubmittal field inspections are included in the basic Meter Upgrade Charge.

Environmental Utilities Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Note	Y'rly In'fltr
Water					
1	Construction Water				
	a) Fire Hydrant Application Fee	\$236	\$247		Y
	b) Usage Rate	Current rate per Ccf	Current rate per Ccf		N
	c) Meter and Backflow Rental				
	i) Monthly Rental Charge	\$100	\$100		N
	ii) Initial Deposit	\$1,500	\$1,500		N
2	Meter Installation for New Residential Construction				
	a) Labor Charge	\$131	\$137		Y
	b) Meter and Meter Appurtenance Charge	Actual Cost	Actual Cost		Y
	c) Quantity Charge	\$79	\$82		Y
3	Meter Installation - All Other	Actual Cost	Actual Cost		Y
4	Service Connections	Actual Cost	Actual Cost		Y
5	Tap	Actual Cost	Actual Cost		Y
6	Abandon Water Service Line	Actual Cost	Actual Cost		Y
7	Installation of Facilities in Subdivisions/Other Dev'lpmts	Actual Cost	Actual Cost		Y
Water Conservation					
8	Water - Water Efficient Landscape Review	Actual Cost	Actual Cost		Y
Backflow Prevention Inspection and Cross-Connection Control					
9	Backflow Prevention Assembly - Installation, Repair, Replacement	Actual Cost	Actual Cost	[a]	Y
10	Backflow Prevention Assembly - Reinspection Fee	\$63	\$66	[b]	Y
Well Water					
11	Well Permit				
	a) First Well	\$263	\$274	[c]	Y
	b) Each Additional Well	\$131	\$137	[c]	Y
	c) Soil Boring (no well)	\$263	\$274		Y
Sewer					
12	Private Sewage Disposal System - Plan Review and Inspection	Actual Cost	Actual Cost		Y
13	Building Sewers and Connections				
	a) Residential and Commercial Service	Actual Cost	Actual Cost		Y
	b) Service Establishments Producing Industrial Waste	Actual Cost	Actual Cost		Y
14	Review of Grease, Oil, and Grit Interceptors	Actual Cost	Actual Cost		Y
15	Rate-of-Flow Controller Facility				
	a) Installation	Actual Cost	Actual Cost		Y
	b) Re-inspection	Actual Cost	Actual Cost		Y
16	Industrial Waste Manhole - Plan Review and Inspection	Actual Cost	Actual Cost		Y
17	Closed Circuit TV for Inspection and Warranty Service	Actual Cost	Actual Cost		Y
18	Vactor Service for Cleaning of New Infrastructure for Final Acceptance	Actual Cost	Actual Cost		Y
19	Fabrication of Special Fittings	Actual Cost	Actual Cost		Y
20	Fats, Oils, and Grease Program (FOG) - Costs incurred by the City as a result of required on-site sampling and analysis	Actual Cost	Actual Cost		Y
21	FOG Program Violation Appeal Cost Reimbursement				
	a) Public Utilities Commission	Actual Cost	Actual Cost		Y
	b) City Council	Actual Cost	Actual Cost		Y
Recycled Water					
22	Recycled Water - Cost of Meter and Installation				
	a) 3/4"	\$493	\$514		Y
	b) 1"	\$557	\$581		Y
	c) 1 1/2"	\$1,286	\$1,342		Y
	d) 2"	\$1,455	\$1,519		Y
	e) 3"	\$1,967	\$2,053		Y
	f) 4"	\$3,292	\$3,436		Y
	g) 6"	\$5,532	\$5,773		Y
	h) 8"	\$8,814	\$9,198		Y
	i) 10"	\$11,239	\$11,729		Y
23	Recycled Water - Plan Review and Inspection	Actual Cost	Actual Cost		Y
Industrial Wastewater					

Environmental Utilities Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Note	Y'rly In'fltr
24	On-Site Sampling	Actual Cost	Actual Cost		Y
	Other Fees				
25	Plan Review	Actual Cost	Actual Cost		Y
26	On-site Inspections	Actual Cost	Actual Cost		Y
27	Water Warranty Inspections	Actual Cost	Actual Cost		Y
28	Wastewater Warranty Inspections	Actual Cost	Actual Cost		Y
29	Cross Connection Testing	Actual Cost	Actual Cost		Y
30	Cross Connection Testing for Backflows	Actual Cost	Actual Cost		Y
31	Water Continuity Testing	Actual Cost	Actual Cost		Y
32	Spark Testing	Actual Cost	Actual Cost		Y
33	Mapping	Actual Cost	Actual Cost		Y
34	Standby	Actual Cost	Actual Cost		Y
35	Disposal of Chlorinated or Contaminated Water	Actual Cost	Actual Cost		Y
36	Tee Installation	Actual Cost	Actual Cost		Y
37	401 Transition Pipe	Actual Cost	Actual Cost		Y
38	Pipe Coating	Actual Cost	Actual Cost		Y

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Installation, repair, or replacement of a backflow prevention assembly shall be performed by a licensed contractor, or with customer approval, by City personnel. The cost to the City for materials and labor at the prevailing wage shall be paid by the owner or customer.

[b] Reinspection fee is the fee required to be paid upon finding by an inspector that the backflow prevention assembly is defective or not in compliance backflow prevention assembly standards.

[c] Fee is 50% refundable if denied.

Fire Prevention Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
Permits to Operate (Type of Permit Activity)						
1	Amusement Building	\$308	\$321			Y
2	Carnivals and Fairs	\$308	\$321			Y
3	Combustible Dust Operations	\$308	\$321			Y
4	Covered Mall Buildings	\$308	\$321			Y
5	Exhibits and Trade Shows	\$308	\$321			Y
6	Explosives or Blasting Agents	\$770	\$804			Y
7	Recreational or Bon Fire	\$154	\$161			Y
8	Theatrical Fire Performance	\$308	\$321			Y
9	High Pile Storage	\$308	\$321			Y
10	Hot Work Operations	\$308	\$321			Y
11	Industrial Ovens	\$308	\$321			Y
12	Lumber Yards	\$308	\$321			Y
13	Misc. Combustible Storage	\$308	\$321			Y
14	Places of Assembly					
	a) Less than 300 occupant load	\$308	\$321			Y
	b) 300 - 999 occupant load	\$462	\$482			Y
	c) 1,000 or more occupant load	\$616	\$643			Y
15	Commercial Day Care Facility					
	a) 7 - 49 persons	\$308	\$321			Y
	b) 50 - 149 persons	\$462	\$482			Y
	c) 150 or more persons	\$616	\$643			Y
16	Institutional					
	a) Less than 6 patients	\$308	\$321			Y
	b) 6 or more patients	\$462	\$482			Y
	c) Detention facilities	\$616	\$643			Y
17	Apartments/Hotels/Motels					
	a) 3 - 16 units	\$232	\$242			Y
	b) 17 - 32 units	\$308	\$321			Y
	c) 33 or more units	\$462	\$482			Y
18	Large Family Day Care					
	a) Large Family Day Care	\$308	\$321			Y
	b) Pre-inspection (at hourly rate)	\$154	\$161	per hour		Y
19	Residential Care Facilities					
	a) 7 or more residents	\$462	\$482			Y
	b) Pre-inspection (at hourly rate)	\$154	\$161	per hour		Y
20	Temporary Membrane Structures (Tents/Canopies)					
	a) 401 - 1,499 SF	\$232	\$242			Y
	b) 1,500 - 2,999 SF	\$308	\$321			Y
	c) 3,000 - 5,999 SF	\$462	\$482			Y
	d) 6,000 or more SF	\$616	\$643			Y
Plan Review						
• Including Inspection Service • Plan Review Conducted by City Staff						
21	Fire Alarm System					
	a) New Installation	\$1,384	\$1,444			Y
	b) Tenant Improvement	\$616	\$643			Y
	c) Tenant Improvement: One Device Only	\$154	\$161			Y
	d) Large Project > 50 Notification Devices	\$3,690	\$3,851			Y
	e) High Rise	\$5,534	\$5,775			Y
22	Fire Sprinkler System - New Installation					
	a) 1 - 99 heads	\$1,846	\$1,926			Y
	b) 100 - 199 heads	\$2,306	\$2,407			Y
	c) 200 or more heads	\$3,076	\$3,210			Y
23	Fire Sprinkler System - Tenant Improvement					
	a) 1 - 50 heads	\$616	\$643			Y
	b) 51 or more heads	\$1,230	\$1,284			Y

Fire Prevention Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
	c) < 5 Sprinkler Heads Only	\$154	\$161			Y
24	Fire Stand Pipe System	\$1,230	\$1,284			Y
25	Fire Pump System	\$2,306	\$2,407			Y
26	Hood and Duct System	\$1,076	\$1,123			Y
27	Special Suppression System (Clean agent, Co2, etc.)	\$1,538	\$1,605			Y
28	Compressed Gas System					
	a) Hazardous Material	\$616	\$643			Y
	b) Medical Gas	\$616	\$643			Y
29	Smoke Management Systems	\$3,690	\$3,851			Y
30	Spray Booths (Includes fire protection system)	\$1,230	\$1,284			Y
31	Radio Amplification System	\$3,690	\$3,851			Y
	Plan Review					
	• Including Inspection Service					
	• Plan Review Conducted by City Approved Consultant					
32	Third Party Plan Review (fee is in addition to fees shown below in this section)	pass-through of consultant fee	pass-through of consultant fee		[a]	N
33	Fire Alarm System					
	a) New Installation	\$934	\$975			Y
	b) Tenant Improvement	\$414	\$432			Y
	c) Large Project > 50 Notification Devices	\$2,490	\$2,599			Y
	d) High Rise	\$3,734	\$3,897			Y
34	Fire Sprinkler System - New Installation					
	a) 1 - 99 heads	\$1,244	\$1,298			Y
	b) 100 - 199 heads	\$1,556	\$1,624			Y
	c) 200 or more heads	\$2,074	\$2,164			Y
35	Fire Sprinkler System - Tenant Improvement					
	a) 1 - 50 heads	\$414	\$432			Y
	b) 51 or more heads	\$830	\$866			Y
36	Fire Stand Pipe System	\$830	\$866			Y
37	Fire Pump System	\$1,556	\$1,624			Y
38	Hood and Duct System	\$726	\$758			Y
39	Special Suppression System (Clean agent, Co2, etc.)	\$1,038	\$1,083			Y
40	Compressed Gas System					
	a) Hazardous Material	\$414	\$432			Y
	b) Medical Gas	\$414	\$432			Y
41	Smoke Management Systems	\$2,490	\$2,599			Y
42	Spray Booths (Includes fire protection system)	\$830	\$866			Y
43	Radio Amplification System	\$2,490	\$2,599			Y
	Fireworks					
44	Fireworks - Public Display (High/Low Level & Ground Devices)					
	a) 200 or less devices	\$924	\$964			Y
	b) 201 or more devices	\$1,076	\$1,123			Y
45	Fireworks - Retail Stand	\$308	\$321			Y
46	Fireworks - Special Pyrotechnic Effects	\$616	\$643			Y
	Hazardous Materials					
47	Flammable or Combustible Liquids					
	a) Class I, II, or IIIA ≥ 25 gallons inside storage	\$462	\$482			Y
	b) Class I, II, or IIIA ≥ 60 gallons outside storage	\$462	\$482			Y
	c) Class IIIB ≥ 110 gallons	\$462	\$482			Y
48	Hazardous Materials Storage, Use, or Handling				[b]	
	a) Carbon Dioxide System	\$308	\$321			Y
	b) 1 - 10 chemicals	\$462	\$482			Y
	c) 11 - 20 chemicals	\$924	\$964			Y
	d) 21 or more chemicals	\$1,846	\$1,926			Y
49	Hazardous Waste Generator					
	a) Hazardous Waste Generator Fee < 55 gal	\$308	\$321			Y
	b) Hazardous Waste Generator Fee 55 - 500 gal	\$462	\$482			Y

Fire Prevention Fees

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
c) Hazardous Waste Generator Fee 501 - 2,500 gal	\$616	\$643			Y
d) Hazardous Waste Generator Fee > 2,500 gal	\$924	\$964			Y
50 Tiered Permitting					
a) Permit by Rule (PBR)	\$924	\$964			Y
b) Conditionally Authorized	\$462	\$482			Y
c) Conditionally Exempt	\$462	\$482			Y
51 Liquefied Petroleum Gas (LPG)					
a) Annual tank > 125 gal	\$308	\$321			Y
b) Tank installation (plan review and inspection)	\$616	\$643			Y
52 State of California Surcharge CALARP	\$270	\$270			N
53 State of California Surcharge Hazardous Materials	\$49	\$49			N
54 Review of Hazardous Materials Risk Management Plans	\$154	\$161	per hour		Y
55 Review of Hazardous Materials Emergency Response Plans	\$154	\$161	per hour		Y
56 Hazardous Materials Emergency Spill Response	Actual Cost	Actual Cost			Y
57 Hazardous Materials Oversight of Remediation	\$154	\$161	per hour		Y
Underground Storage Tanks					
58 Annual Permit	\$1,538	\$1,605			Y
59 Tank Installation (plan review and inspection)					
a) First tank	\$3,076	\$3,210			Y
b) Each additional tank	\$462	\$482			Y
60 Transfer of Ownership	\$308	\$321			Y
61 Tank Removal or Abandonment	\$1,538	\$1,605			Y
62 System Modification	\$616	\$643			Y
63 UST System Cold Start / Minor Modification	\$308	\$321			Y
64 UST Piping Upgrade	\$1,230	\$1,284			Y
65 State of California UST Surcharge (per tank)	\$20	\$20			N
Aboveground Storage Tanks					
66 Annual Permit					
a) Annual Permit ≥ 1,320 gal & < 10,000 gal	\$308	\$321			Y
b) Annual Permit ≥ 10,000 gal & < 100,000 gal	\$462	\$482			Y
c) Annual Permit ≥ 100,000 gal & < 1,000,000 gal	\$616	\$643			Y
d) Annual Permit > 1,000,000 gal	\$924	\$964			Y
67 Tank Installation (plan review and inspection)					
a) First tank	\$616	\$643			Y
b) Each additional tank	\$154	\$161			Y
68 Transfer of Ownership	\$308	\$321			Y
69 Tank Removal or Abandonment	\$616	\$643			Y
70 System Modification	\$462	\$482			Y
71 State of California APSA Surcharge	\$26	\$26			N
Administrative Fees					
72 Copy of Incident Report (per incident)	\$12	\$13			Y
73 Media Reproduction (audio, video, photographic)	Actual Cost	Actual Cost			Y
74 Emergency Response Caused by DUI	Actual Cost	Actual Cost			Y
75 Weed Abatement Administrative Parcel Fee	\$308	\$321			Y
76 Code Appeal	\$770	\$804			Y
77 Fire Flow / Hydrant Test	\$462	\$482			Y
78 Fire & Life Safety Division Hourly Rate	\$154	\$161	per hour		Y
79 Minimum Intake Fee	\$154	\$161			Y
80 Voluntary Inspection	\$308	\$321			Y
81 Technical Report (alternate material or method request)	\$1,230	\$1,284			Y
82 Inspection Requests (after normal business hours)	\$462	\$482			Y
83 Administrative Fee (excessive resubmittals and inspections)	\$386	\$403			Y
84 Expedited Plan Review Fee (per hour)	\$182	\$190	per hour		Y
85 Re-inspection Fee	\$308	\$321			Y
86 Administrative Fee (work without a permit)	\$462	\$482			Y
87 Code Review or Design Consultation (per hour)	\$154	\$161			Y

Fire Prevention Fees

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
88 False Alarm Fee	\$386	\$403			Y
89 Fire Extinguisher Training	\$462	\$482			Y
90 Late Payment Penalty for Permits					
a) 30 days past due	\$50	\$50			N
b) 60 days past due	\$100	\$100			N
c) 90 days past due	\$200	\$200			N

[a] Third party plan review, when available, shall be assessed and paid at time of permit application. The fee for this service is the hourly or flat rate charged by the consulting firm performing the review. This fee is in addition to the permit Administration Fees identified in the "Plan Review (Including Inspection Service) Plan Review Conducted by City Approved Consultant" of this fee schedule for the additional resources required to facilitate the process.

[b] Fee includes Hazardous Waste Generator < 55 gal.

General Information

- * All fees or charges shall be calculated at one (1) hour minimum unless otherwise specified.
- * All fees for specified services shall be calculated by the Fire Department.
- * When required, no permit or approval shall be issued until facility or process is brought into compliance with applicable codes and the required service fee is paid in full.
- * When a requester fails to cancel a requested inspection prior to the scheduled time of inspection, the standard inspection fee shall be charged, with a one hour minimum fee.

CUPA/Hazardous Materials Compliance Incentive Program

To qualify for a 25% discount on annual CUPA permit fees, a business cannot have within the last three years, any Class 1 violations of CCR Title 22, Title 23, or Title 24.

A business also cannot have any repeat violations noted during the previous year's inspection. All other violations or deficiencies must have been corrected within 30 days of the last inspection. Annual permit fees must have been paid by the date indicated on the annual permit invoice. A business may qualify for this discount annually if the above listed criteria is met.

Police Department Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Alarm Permit Application					
	a) Initial permit application	\$35	\$35	for two-year permit		N
	b) Renewal permit application	\$15	\$15	for two-year permit		N
	c) Late Filing Fees					
	i) Less than 30 days late	\$5	\$5			N
	ii) 30 Days	\$20	\$20			N
	iii) 60 Days	\$40	\$40			N
	iv) 90 Days	\$80	\$80			N
	v) 91+ Days					
	a) Base Fee	\$80	\$80			N
	b) Administrative Citation	TBD	TBD			N
	c) Fine	\$100	\$100			N
2	Excessive False Alarms:					
	a) First false alarm					
	i) Burglary	\$0	\$0	flat fee	[a]	N
	ii) Duress/robbery	\$0	\$0	flat fee	[a]	N
	b) Second false alarm					
	i) Burglary	\$60	\$60	flat fee	[a]	N
	ii) Duress/robbery	\$60	\$60	flat fee	[a]	N
	c) Third false alarm					
	i) Burglary	\$85	\$85	flat fee	[a]	N
	ii) Duress/robbery	\$85	\$85	flat fee	[a]	N
	d) Fourth false alarm					
	i) Burglary	\$100	\$100	flat fee	[a]	N
	ii) Duress/robbery	\$150	\$150	flat fee	[a]	N
	e) Fifth and subsequent false alarms					
	i) Burglary	\$150	\$150	flat fee	[a]	N
	ii) Duress/robbery	\$200	\$200	flat fee	[a]	N
3	Appeal of Decision to Deny, Suspend, or Revoke an Alarm Permit	\$75	\$75	flat fee		N
4	Traffic Collision Report	\$10	\$10	per request		Y
5	Impounded Vehicle Release Fee	\$158	\$165	per vehicle	[b]	Y
6	Vehicle Tow Hearing	\$80	\$83	per request		Y
7	Criminal Background / Good Conduct Letter (aka Records Check and Clearance Letter)	\$20	\$20	per request		N
8	Commercial Indoor Firing Range Permit	\$102	\$106	flat fee		Y
9	Retail Firearms Dealer License					
	a) Initial permit application	\$102	\$106	flat fee		Y
	b) Renewal permit application	\$102	\$106	flat fee		Y
10	Adult-oriented Business					
	a) Initial permit application					
	i) Permit fee	\$265	\$277	flat fee		Y
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					
	i) Permit fee	\$265	\$277	flat fee		Y
11	Entertainment Permit					
	a) Initial permit application					
	i) Permit fee	\$203	\$212	flat fee		Y
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					

Police Department Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
	i) Permit fee	\$203	\$212	flat fee		Y
12	Ice Cream Vendor Permit Application					
	a) Initial permit application					
	i) Permit fee	\$40	\$42	flat fee		Y
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					
	i) Permit fee	\$40	\$42	flat fee		Y
13	Massage Business Permit Application				[d]	
	a) Initial permit application					
	i) Permit fee	\$125	\$130	flat fee		Y
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					
	i) Permit fee	\$30	\$31	flat fee		Y
14	Pawnbroker/Secondhand Dealer					
	a) Initial permit application					
	i) Permit fee	\$102	\$106	flat fee		Y
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					
	i) Permit fee	\$65	\$68	flat fee		Y
15	Taxicab Driver Permit Application					
	a) Initial permit application					
	i) Permit fee	\$50	\$50	flat fee		N
	ii) Dept of Justice fee	\$32	\$32	flat fee	[c]	N
	iii) LiveScan fingerprint rolling fee	Actual Cost	\$15	flat fee	[c]	N
	iv) Additional FBI fingerprinting fee, if applicable	\$17	\$17	flat fee	[c]	N
	b) Renewal permit application					
	i) Permit fee	\$50	\$50	flat fee		N
16	Noise Violation	actual cost of enforcement	actual cost of enforcement	per separate offense following first citation		Y
17	Extraordinary Law Enforcement Services (multiple responses to disturbance w/in 12-hrs)	actual cost of enforcement	actual cost of enforcement	per separate offense following first warning		Y
18	Supplemental Law Enforcement Services					
	a) Hourly Rates for Police Dept Personnel					
	i) Community Service Officers	\$43	\$45	per hour		Y
	ii) Police Officers	\$64	\$69	per hour		Y
	iii) Sergeants	\$79	\$84	per hour		Y
	iv) Dispatchers	\$54	\$57	per hour		Y
	b) Hourly Rates for Marked Vehicles					
	i) Base Rate	\$25	\$25	per hour		N
	ii) Per mile rate, for each mile over 50	\$0.50	\$0.58	per mile	[e]	N
19	Concealed Weapon License	n/a - issued by Placer County Sheriff	n/a - issued by Placer County Sheriff		[f]	N

* Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.

[a] Fines are determined by the combined number of both burglary and duress/robbery false alarms. Reimbursement may be waived by the police chief where uncommon circumstances not considered an emergency resulted in false alarm and where the permittee has undertaken to correct alarm system deficiencies.

Police Department Fees

Fee Description	FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
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[b] This fee shall be collected only from the registered owner or agent of the registered owner. This fee shall not apply to vehicles impounded as the result of automobile accidents, abatement program, or lien sale, unless the sale is sufficient in amount to pay the lienholder's total charges and administrative costs.

[c] This fee is not established by the City of Roseville. It may be collected on behalf of, or directly by, a third party (e.g. vendor; other public agency). The fee schedule is intended to mirror amounts adopted by third parties. If the amount charged by a third party changes, the amounts collected by the City on behalf of the third party are presumed to change simultaneously. Amounts shown in the fee schedule will be updated as soon as practicable after the City receives notice of the fee change.

[d] Fee amounts shown are for non-state certified massage therapist applications. There is no fee for State-certified massage therapists/practitioners registering to provide massage services or activities within the City of Roseville.

[e] Set to match IRS standard mileage rates.

[f] Any Roseville resident wishing to apply for a license to carry a concealed weapon shall be directed to the Placer County Sheriff's Office for permit application and the permit process.

Animal Licensing and Permit Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Dog License					
	a) 1 Year					
	i) Certified altered dogs	\$21	\$22	each		Y
	ii) Non-altered dogs	\$42	\$44	each		Y
	iii) Senior Discount	\$5 off standard fee	\$5 off standard fee	each		N
	b) 2 Years					
	i) Certified altered dogs	\$41	\$43	each		Y
	ii) Non-altered dogs	\$83	\$87	each		Y
	iii) Senior Discount	\$5 off standard fee	\$5 off standard fee	each		N
	c) 3 Years					
	i) Certified altered dogs	\$61	\$64	each		Y
	ii) Non-altered dogs	\$124	\$129	each		Y
	iii) Senior Discount	\$5 off standard fee	\$5 off standard fee	each		N
	d) Transfer of active license from other jurisdiction	\$0	\$0	each		Y
2	Delinquent Penalty for Failure to Renew License within 15 days of Expiration					
	a) Altered dog	\$5	\$5	flat fee		N
	b) Unaltered dog	\$10	\$10	flat fee		N
3	Lost License or Tag	\$5	\$5	flat fee		Y
4	Kennel License	\$10	\$11	per year		Y
5	Special Animal Permit	\$40	\$42	per year		Y
6	Voluntary Disposal Fee					
	a) Dogs and Other Animals Commonly Considered Pets	\$0	\$0	per animal/litter		Y
	b) Livestock and Wild Animals	\$0	\$0	per animal		Y
7	Appeal of Decision to Destroy Vicious Animal	\$75	\$75	flat fee		N

* Per RMC 7.16.070, license fees are waived for: service dog owned by a person with a need for assistance; dog used by any law enforcement personnel; dog owned by any government entity or political subdivision

Oversize Vehicle Permit Fees and Building Moving Permit Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Oversize Vehicle Permit					
	a) Single trip permit	\$16	\$16	per vehicle	[a]	N
	b) Annual permit	\$90	\$90	per vehicle	[a]	N
2	Building Moving Permit					
	a) Base Fee	\$26	\$27	per request		Y
	b) Costs of plan review, utility and street light moving, tree trimming, traffic directing, etc.	actual costs	actual costs	per request		Y

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

[a] Oversize vehicle permit fees set to match fees adopted by California Department of Transportation (CalTrans).

Parking Permit Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Residential Parking Permit	\$0	\$0	per vehicle		N
2	Merchant Parking Permit					
	a) January 1st through December 31st	\$20	\$20	per vehicle		N
	b) July 1st through December 31st	\$10	\$10	per vehicle		N

* Permit is valid only for the calendar year issued. A merchant parking permit is issued to a specific vehicle and is not transferable. A valid merchant parking permit decal must be appropriately displayed on the left rear bumper or left rear window of the permittee's vehicle.

Special Event, Film, and Banner Permit Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Special Event Permit					
	a) Application Fee					
	i) Event that requires limited site/plan review, no closures, etc. (i.e. park rentals/activities, misc. events, etc.)	\$100	\$110	per event	[a]	Y
	ii) Event that requires, but not limited to, street/parking lot closures, site/plan review, trail use, etc. (i.e. fun runs, festivals, parking garage, etc.)	\$200	\$250	per event	[a]	Y
	b) Service Charges	actual costs	actual costs			Y
	c) Park/facility rental fee	varies by location	varies by location	per event		N
2	Photography and Filming Permit					
	a) Application Fee					
	i) Cast and Crew Totaling One to Three Persons	\$100	\$110	per permit	[a],[b]	Y
	ii) Cast and Crew Totaling Four or More Persons; with Street Closure	\$200	\$250	per permit	[a],[b]	Y
	b) Service Charges	actual costs	actual costs			Y
3	Banner Permit	\$60	\$63			Y

[a] Application fees are non-refundable.

[b] Non-commercial photography and photography/film not requiring exclusivity does not need a permit. The Department Director may waive fees for bona fide student film/photography projects and non-profit projects. The permitting process for filming/photography is still applicable for these projects (i.e. permit is required). Service charges are still applicable.

** Note regarding annual inflationary adjustment: For items billed at actual cost, the underlying hourly billing rates should inflate annually by the change in hourly labor rates and/or indirect cost rate multipliers.*

Parks, Recreation, & Libraries Department Fees

Fee Description		FY 18-19 Fee	FY 19-20 Fee	Unit	Note	Y'rly In'fltr
1	Parks, Recreation, & Libraries Department Program, Class, Facility Use, and Service Fees	See Note	See Note		[a]	N
2	Capital Replacement Fee	Not to exceed 10% of program fee	Not to exceed 10% of program fee	per registration		N

[a] See Department for Recreation Guide and Programs, Events, and Classes information, Facility Use, and Service Fees. Information is updated seasonally. Fees are approved by the Department Director. Fees are established and updated using the Departmental Pricing Policy.

Fee-Related Cost of Service Analysis

- *Consumer Price Index for FY19-20 Inflationary Adjustment* -

U.S. DEPARTMENT OF LABOR, BUREAU OF LABOR STATISTICS
 Western Information Office, 90 7th St., Suite 14-100, San Francisco, CA 94103
 Information Staff (415) 625-2270 / Fax (415) 625-2351

SAN FRANCISCO-OAKLAND-HAYWARD

Consumer Price Index, All Items, 1982-84=100 for All Urban Consumers (CPI-U)

SEMIANNUAL

YEAR	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1ST HALF	2ND HALF	ANNUAL AVERAGE
1999		169.4		172.2		171.8		173.5		175.2		174.5	170.8	174.2	172.5
2000		176.5		178.7		179.1		181.7		183.4		184.1	177.7	182.6	180.2
2001		187.9		189.1		190.9		191.0		191.7		190.6	188.7	191.1	189.9
2002		191.3		193.0		193.2		193.5		194.3		193.2	192.3	193.7	193.0
2003		197.7		197.3		196.3		196.3		196.3		195.3	196.8	196.1	196.4
2004		198.1		198.3		199.0		198.7		200.3		199.5	198.2	199.5	198.8
2005		201.2		202.5		201.2		203.0		205.9		203.4	201.5	203.9	202.7
2006		207.1		208.9		209.1		210.7		211.0		210.4	207.9	210.6	209.2
2007	213.688			215.842		216.123		216.240		217.949		218.485	214.736	217.361	216.048
2008	219.612			222.074		225.181		225.411		225.824		218.528	221.730	223.804	222.767
2009	222.166			223.854		225.692		225.801		226.051		224.239	223.305	225.484	224.395
2010	226.145			227.697		228.110		227.954		228.107		227.658	226.994	227.944	227.469
2011	229.981			234.121		233.646		234.608		235.331		234.327	232.082	234.698	233.390
2012	236.880			238.985		239.806		241.170		242.834		239.533	238.099	241.201	239.650
2013	242.677			244.675		245.935		246.072		246.617		245.711	243.894	246.152	245.023
2014	248.615			251.495		253.317		253.354		254.503		252.273	250.507	253.463	251.985
2015	254.910			257.622		259.117		259.917		261.019		260.289	256.723	260.421	258.572
2016	262.600			264.565		266.041		267.853		270.306		269.483	263.911	268.777	266.344
2017	271.626			274.589		275.304		275.893		277.570 = 4.36%		277.414	273.306	276.542	274.924
2018	281.308			283.422		286.062		287.664		289.673		289.896	282.666	288.435	285.550

Table of over-the-year percent increases. An entry for Feb. 2006 indicates the percentage increase from Feb. 2005 to Feb. 2006.

2000	4.2	3.8		4.2		4.7		4.7		5.5		4.0	4.8	4.5
2001	6.5		5.8		6.6		5.1		4.5	3.5		6.2	4.7	5.4
2002	1.8		2.1		1.2		1.3		1.4	1.4		1.9	1.4	1.6
2003	3.3		2.2		1.6		1.4		1.0	1.1		2.3	1.2	1.8
2004	0.2		0.5		1.4		1.2		2.0	2.2		0.7	1.7	1.2
2005	1.6		2.1		1.1		2.2		2.8	2.0		1.7	2.2	2.0
2006	2.9		3.2		3.9		3.8		2.5	3.4		3.2	3.3	3.2
2007	3.2		3.3		3.4		2.6		3.3	3.8		3.3	3.2	3.3
2008	2.8		2.9		4.2		4.2		3.6	0.0		3.3	3.0	3.1
2009	1.2		0.8		0.2		0.2		0.1	2.6		0.7	0.8	0.7
2010	1.8		1.7		1.1		1.0		0.9	1.5		1.7	1.1	1.4
2011	1.7		2.8		2.4		2.9		3.2	2.9		2.2	3.0	2.6
2012	3.0		2.1		2.6		2.8		3.2	2.2		2.6	2.8	2.7
2013	2.4		2.4		2.6		2.0		1.6	2.6		2.4	2.1	2.2
2014	2.4		2.8		3.0		3.0		3.2	2.7		2.7	3.0	2.8
2015	2.5		2.4		2.3		2.6		2.6	3.2		2.5	2.7	2.6
2016	3.0		2.7		2.7		3.1		3.6	3.5		2.8	3.2	3.0
2017	3.4		3.8		3.5		3.0		2.7	2.9		3.6	2.9	3.2
2018	3.6		3.2		3.9		4.3		4.4	4.5		3.4	4.3	3.9

Fee-Related Cost of Service Analysis

- *Development Services Technology Fee* -

City of Roseville
 User and Regulatory Fee Study
 Development Services Technology Fee
 Calculation of the Estimated Costs of Providing Fee Related Services

Statistical Information

CPI, San Francisco-Oakland-Hayward, Annual Average		
2012	239.650	
2013	245.023	2.24%
2014	251.985	2.84%
2015	258.572	2.61%
2016	266.344	3.01%
2017	274.924	3.22%
2018	285.550	3.87%
Average Annual Change		2.96%

Revenue Information

Base Annual Revenues for Application of Fee		
FY 2018-19 Estimated Performance:		
Building Permits	\$	2,216,300
Fire Permits	\$	426,564
Planning Fees	\$	200,000
Engineering Inspections	\$	100,000
Base Annual Revenue	\$	2,942,864

Assumed Annual Growth in Eligible Revenue	
Prospective Annual Revenue Growth (e.g., CPI)	3.00%

Assumed Fund Earnings	
Prospective Annual Interest Rate	1.00%

Historical System Costs: Upgrade

Original Capital Expenditure (2012)		
Software	\$	42,248
Hardware	\$	65,000
Implementation	\$	443,460
Contingency (10%)	\$	44,346
Total Upgrade	\$	595,054

Prospective System Costs: Upgrade and Annual Support

Estimated Capital Expenditure (2022)		
Years Since Last Project		10
Annual Escalator		2.96%
Estimated Replacement Cost	\$	796,985
Realization Factor		65%
Estimated Upgrade Cost	\$	518,040

Estimated Annual Expense (FY19-20, etc.)	
Annual Support/Licensing	\$ 60,000

Assumed Annual Cost Inflation	
Prospective Annual Inflation	3.00%

Useful Life	
Assumed Useful Life of System (Years)	8

Financing

Interfund Loan		
Repayment Term (Years)		8
Interest		1.00%

Prospective System Costs: Upgrade

Estimated Capital Expenditure (2030)		
Years Since Last Full Implementation		18
Annual Escalator		2.96%
Estimated Replacement Cost	\$	1,006,851
Realization Factor		100%
Estimated Upgrade Cost	\$	1,006,851

City of Roseville
User and Regulatory Fee Study
Development Services Technology Fee
Calculation of the Estimated Costs of Providing Fee Related Services

Development Services Technology Fee Revenues at Prevailing Fee Amount

Fee Revenue at Prevailing Fee Amount												
Fiscal Year Ending	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total
Surcharge Amount	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Applicable Revenue Base	\$ 3,031,150	\$ 3,122,084	\$ 3,215,747	\$ 3,312,219	\$ 3,411,586	\$ 3,513,934	\$ 3,619,352	\$ 3,727,932	\$ 3,839,770	\$ 3,954,963	\$ 4,073,612	
Technology Fee Revenue	\$ 90,934	\$ 93,663	\$ 96,472	\$ 99,367	\$ 102,348	\$ 105,418	\$ 108,581	\$ 111,838	\$ 115,193	\$ 118,649	\$ 122,208	\$ 1,164,670

Expenditures

Estimated Expenses at Prevailing Costs and Forecast Replacement Cost												
Fiscal Year Ending	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total
Annual Support/Licensing	\$ 60,000	\$ 61,800	\$ 63,654	\$ 65,564	\$ 67,531	\$ 69,556	\$ 71,643	\$ 73,792	\$ 76,006	\$ 78,286	\$ 80,635	\$ 768,468
System Replacement												\$ 1,006,851
Total												\$ 1,775,318

Ten-Year Summary

Ten-Year Revenue v. Expense	
Revenue at Prevailing Fee	\$ 1,164,670
Less: Annual Support/Licensing	\$ 768,468
Less: System Replacement	\$ 1,006,851
Ten-Year Revenue v. Expense	\$ (610,648)

<<< City will need to find an alternate source of funding for this amount (e.g. retained fund balance, interfund loan, etc.) or reduce project costs.

Development Services Technology Fee Revenues at Full Cost Recovery

Fee Revenue at Full Cost Recovery												
Fiscal Year Ending	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total
Surcharge Amount	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	4.6%	3.0%
Applicable Revenue Base	\$ 3,031,150	\$ 3,122,084	\$ 3,215,747	\$ 3,312,219	\$ 3,411,586	\$ 3,513,934	\$ 3,619,352	\$ 3,727,932	\$ 3,839,770	\$ 3,954,963	\$ 4,073,612	
Technology Fee Revenue	\$ 139,433	\$ 143,616	\$ 147,924	\$ 152,362	\$ 156,933	\$ 161,641	\$ 166,490	\$ 171,485	\$ 176,629	\$ 181,928	\$ 187,386	\$ 1,785,828

Expenditures

Estimated Expenses at Prevailing Costs and Forecast Replacement Cost												
Fiscal Year Ending	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total
Annual Support/Licensing	\$ 60,000	\$ 61,800	\$ 63,654	\$ 65,564	\$ 67,531	\$ 69,556	\$ 71,643	\$ 73,792	\$ 76,006	\$ 78,286	\$ 80,635	\$ 768,468
System Replacement												\$ 1,006,851
Total												\$ 1,775,318

Ten-Year Summary

Ten-Year Revenue v. Expense	
Revenue at Prevailing Fee	\$ 1,785,828
Less: Annual Support/Licensing	\$ 768,468
Less: System Replacement	\$ 1,006,851
Ten-Year Revenue v. Expense	\$ 10,510



COUNCIL COMMUNICATION

CC #: 9994

File #: 0400-03 & 0400-06-02 & 0400-04-18-02 & 0400-02

Title: North Industrial Planning Area Parcel 25 - General Plan Amendment and Rezone

Contact: Kinarik Shallow 916-746-1309 kshallow@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 10.4.

RECOMMENDATION TO COUNCIL

At the March 14, 2019 Planning Commission meeting, the Planning Commission recommended the City Council take the following actions on the project:

- A. Consider the 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration;
- B. Adopt a resolution approving text and land use map amendments to the General Plan; and
- C. Adopt the two (2) findings of fact and introduce for first reading an ordinance approving the Rezone.

BACKGROUND

This Council Communication provides a summary evaluation of the project and a summary of the March 14, 2019 Planning Commission hearing. A more detailed background and evaluation is provided in the Planning Commission staff report, included as Attachment 1.

Background/Project Description

The approximately 8.92-acre project site consists of two vacant parcels located at 8701 and 8901 Foothills Boulevard, at the northeast intersection of Roseville Parkway and Foothills Boulevard. The subject parcels are located within the North Industrial Planning Area (NIPA) and have a zoning and General Plan land use designation of Neighborhood Commercial (NC). The project site is bordered by a light industrial building to the north, an undeveloped Light Industrial (M1) parcel to the east, a self-storage facility to the south, and Foothills Boulevard to the west.

The applicant is requesting a General Plan Amendment and Rezone to change the land use and zoning designations of the subject parcels from Neighborhood Commercial to Light Industrial to provide additional land for industrial uses within the City. The requested entitlements include modifications to the land use and zoning designations, and would require revisions to the land use maps and associated land use tables contained in the General Plan to reflect the changes in total acreage of commercial and light industrial uses. There is no specific use proposed with this project, and the project does not involve any construction or grading activities.

Summary Evaluation

As detailed in pages 3-4 of the attached Planning Commission staff report, the proposed land use amendment from NC to Light Industrial (LI) was found to be consistent with the General Plan land

use policies as it maintains the City's land use mix and is compatible with the adjacent uses.

The proposed rezone of the property to M1 will create an opportunity for a variety of light industrial uses that will be compatible with the surrounding properties. Consistent with the General Plan standards for the LI land use, the subject parcels are located adjacent to major roadways (i.e., Foothills Boulevard and Roseville Parkway) with convenient truck access to accommodate the needs of the businesses that require this type of land use. As such, the proposed project is consistent with the intent and objectives of the General Plan, and is consistent with the interest, health, safety, and welfare of the City.

As evaluated and discussed in the Planning Commission staff report and Addendum, there are no impacts to traffic, noise, or utilities resulting from the proposed land use and rezone.

Summary of Planning Commission Meeting

The project was heard by the City's Planning Commission on March 14, 2019. The applicant addressed the Commission, spoke in favor of the project, and requested approval by the Commission. Commission discussion was in support of the proposed entitlements. At the close of the meeting, the Planning Commission recommended the City Council consider the 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration, and approve the General Plan Amendment and Rezone.

Public Outreach

Early notification of the project was provided to the RCONA Board. A notice of the Planning Commission hearing and the City Council hearing was provided to property owners within 300-feet of the project site and was also published in the Press Tribune. To date, no comments have been received on the project.

FISCAL IMPACT

The rezone and text and map amendments to the General Plan and NIPA documents will not result in negative impacts to the City's General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

The project will have the potential to generate additional employment opportunities within the City based on the mix of light industrial uses that would potentially locate on the site.

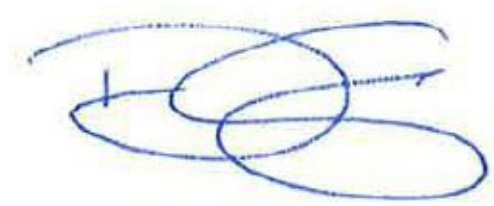
ENVIRONMENTAL REVIEW

Consistent with CEQA Guidelines Section 15164, regarding previously certified and adopted negative declarations, a 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012) has been prepared to cover the minor technical changes and additions necessary to describe the impacts of the proposed project. No new environmental impacts are anticipated as a result of the proposed project. The 2nd Addendum plus the adopted Mitigated Negative Declaration and Initial Study are included as Exhibit A.

Respectfully Submitted,

Kinarik Shallow, Assistant Planner

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Attachment 1 Planning Commission Staff Report

Exhibit A 2nd Addendum to the NIPA PCL 50-Foothills Corporate Center Grading Plan Mitigated Negative Declaration

Resolution No. 19-188

Exhibit B General Plan Amendment

Exhibit C General Plan Change Pages

Ordinance No. XX

Exhibit D Rezone Exhibit



**PLANNING DIVISION STAFF REPORT
PLANNING COMMISSION MEETING**

March 14, 2019

Prepared by: Kinarik Shallow, Assistant Planner

ITEM 6.1: General Plan Amendment and Rezone – NIPA PCL 25 – Rezone and General Plan Amendment – 8701 Foothills Boulevard – File # PL18-0371

REQUEST

The applicant requests a Rezone and General Plan Amendment to change the zone and land use of two (2) existing parcels consisting of approximately 8.92 acres from Neighborhood Commercial to Light Industrial, to be consistent with the surrounding parcels.

Applicant – Greg Bardini, Morton & Pitalo, Inc.
Property Owner – Brett Baumgarten, Clearview 8035 Foothills Blvd, LLC

SUMMARY RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Recommend the City Council consider the 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration;
- B. Recommend the City Council approve the General Plan Amendment (Text and Land Use Map); and
- C. Recommend the City Council adopt the two (2) findings of fact and approve the Rezone.

SUMMARY OF OUTSTANDING ISSUES

There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with all recommended conditions of approval.

BACKGROUND

The approximately 8.92-acre project site consists of two vacant parcels located at 8701 and 8901 Foothills Boulevard, at the northeast intersection of Roseville Parkway and Foothills Boulevard (see Figure 1). The project site is located on Parcel 25 of the North Industrial Planning Area (NIPA) and has a zoning designation and General Plan land use designation of Neighborhood Commercial (NC). The North Industrial area is not subject to a specific plan, but is a recognized planning subarea of the City that was approved in 1995. It includes Design Guidelines, a land use table, and a land use map. The North Industrial area is intended primarily for industrial uses and employment centers, and consists of approximately 2,046 gross acres west of Washington Boulevard and north of the Northwest Roseville Specific Plan.

The project site is bordered by an office building to the north, an undeveloped Light Industrial (M1) parcel to the east, a self-storage facility to the south, and Foothills Boulevard to the west. The subject parcels originally had a zoning designation of Planned Development for Light Industrial and a land use designation of Light Industrial. City Council approved a Rezone and General Plan Amendment for the parcels in 1992 to change the zoning and land use to the current Neighborhood Commercial (NC) designation. At the time, it was thought that a commercial property would provide goods and services to support the large amount of industrial development in the vicinity. Since that time, there have been numerous land use changes to the area as well as commercial development at the Blue Oaks/Foothills intersection and at the Pleasant Grove/Foothills intersection. The industrial development within the NIPA will also be served by the future commercial development in Campus Oaks, located at the

Roseville Parkway/Blue Oaks intersection. This application will provide additional land for industrial uses within the City.

Figure 1: Project Location



The subject parcels were created as a result of a four-lot parcel map (File #2013PL-029) approved and ultimately recorded in 2013. The map included an Irrevocable Offer of Dedication for the extension of the future Roseville Parkway along the southern boundary of the project site, and the dedication of a 58-foot-wide right-of-way for the extension of Niblick Drive along the eastern project boundary (connecting to the rear of the existing FedEx property to the south). On October 11, 2012, a Major Grading Plan (File #2012PL-064) was approved which covered mass grading activities on all of the undeveloped property between Foothills Boulevard to the west, the train tracks to the east, the Niblick Drive stub to the north, and a point even with the southern Hewlett Packard driveway. The properties to the south have already been graded and developed consistent with the approved Grading Plan. The future Roseville Parkway extension has not been completed, but a segment of the roadway between Foothills Boulevard and Niblick Drive is constructed and complete with intersection improvements. The NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012) covered the impacts of grading of the project site and the surrounding properties; an Addendum to that document was prepared for this project, and is included as Exhibit A to this staff report. This is the 2nd Addendum to the MND as an Addendum was also prepared in 2015 for the Roseville Self-Storage project located to the south of the subject parcels.

The proposed project includes a General Plan Amendment to change the land use from Neighborhood Commercial (NC) to Light Industrial (LI) and a Rezone to change the zone from Neighborhood Commercial (NC) to Light Industrial (M1). Modifications to the City's General Plan and NIPA land use tables and maps will be required to reflect the proposed changes. The zoning map would also be updated to reflect the proposed zone change. There is no specific use proposed with this project, and the project does not involve any construction or grading activities.

SITE INFORMATION

Location: 8701 and 8901 Foothills Boulevard; APNs 017-232-005-000 and 017-232-006-000

Total Size: ±8.92 acres

Topography and Setting: The project site is undeveloped and the topography is uneven and rolling. The site is dominated by non-native grasses; there are no trees on the site. The two parcels front onto Foothills Boulevard, which is a four-lane arterial roadway, and are surrounded by urban development to the north, west, and south, and an undeveloped M1 parcel to the east.

EVALUATION

Proposed amendments to the General Plan are analyzed for consistency with the goals and policies of the plan. For the proposed rezone, Zoning Ordinance Section 19.86.050 specifies that recommendations for approval or denial of a rezone shall include consideration of the proposed amendment's consistency with:

- 1. *The public interest, health, safety, or welfare of the City, and***
- 2. *The General Plan and any applicable Specific Plan.***

The project involves changing the land use and zoning designation of approximately 8.92 acres from Neighborhood Commercial to Light Industrial. Approval of the land use amendments would require updates to the City's General Plan and the NIPA document. The land use maps and associated land use tables in the General Plan and NIPA document would be updated to be consistent with Council's action. Exhibit B includes the land use amendment and rezone plan; Exhibit C includes the proposed amended General Plan Land Use figure and change pages; and Exhibit D includes the change pages for the NIPA document. With the proposed land use amendment and rezone, the site would have the potential to be occupied by commercial and industrial uses as permitted in Section 19.14.020 of the Zoning Ordinance.

According to the City's General Plan, the Light Industrial (LI) land use allows for office, industrial, and research and development uses that generate very limited noise, vibration, odor, dust, smoke, light, or other pollutants, and are compatible with surrounding uses. The proposed land use amendment is compatible with the surrounding uses as the adjacent parcels also have a LI land use designation.

As discussed in the 2nd Addendum (Exhibit A), commercial uses result in a net increase of daily trips and peak hour trips when compared to light industrial uses. Based on this, it can be assumed that rezoning the property from NC to M1 would result in a lower traffic volume due to the potential types of uses. Additionally, the General Plan identifies that the LI land use is intended for uses that generate very limited noise. In regards to utilities, future development of the project site will be subject to review through the entitlement process to ensure adequate services are available. Thus, there are no impacts to traffic, noise, or utilities resulting from the proposed land use and zone change.

General Plan Amendment and Rezone Conclusion

The proposed rezone of the property to M1 will create an opportunity for a variety of light industrial uses that will be compatible with the surrounding properties. Consistent with the General Plan standards for the LI land use, the subject parcels are located adjacent to major roadways (i.e., Foothills Boulevard and Roseville Parkway) with convenient truck access to accommodate the needs of the businesses that require this land use. As such, the proposed project is consistent with the intent and objectives of the General Plan, and is consistent with the interest, health, safety, and welfare of the City.

PUBLIC OUTREACH

The proposed project was distributed to all internal and external agencies and departments who have requested such notice, and all comments or recommended conditions of approval have been incorporated into the project, as appropriate. A notice of the public hearing was published on March 1, 2019 and a notice of hearing was also distributed to all property owners within 300 feet of the site, and

to the Roseville Coalition of Neighborhood Associations. To date, no comments have been received on the project.

ENVIRONMENTAL DETERMINATION

Consistent with CEQA Guidelines Section 15164, regarding previously certified and adopted negative declarations, a 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012) has been prepared to cover the minor technical changes and additions necessary to describe the impacts of the proposed project. No new environmental impacts are anticipated as a result of the proposed project. The 2nd Addendum plus the adopted Mitigated Negative Declaration and Initial Study are included as Exhibit A of this staff report.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Recommend the City Council consider the **2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration**;
- B. Recommend the City Council approve the **GENERAL PLAN AMENDMENT (TEXT AND LAND USE MAP) – 8701 FOOTHILLS BOULEVARD – NIPA PCL 25 – REZONE AND GENERAL PLAN AMENDMENT – PL18-0371**; and
- C. Recommend the City Council adopt the two (2) findings of fact as stated in the staff report and approve the **REZONE – 8701 FOOTHILLS BOULEVARD – NIPA PCL 25 – REZONE AND GENERAL PLAN AMENDMENT – PL18-0371**.

EXHIBITS

- A. 2nd Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration
 - B. General Plan Amendment/Rezone Exhibit
 - C. General Plan Change Pages
 - D. NIPA Change Pages (3 sheets)
- NOTE: Exhibits A-C are not included as part of CC Attachment 1, the Planning Commission staff report, because they are already included as exhibits to the City Council Communication.**

Note to Applicant and/or Developer: Please contact Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.



2nd ADDENDUM TO NIPA PCL 50 – FOOTHILLS CORPORATE CENTER GRADING PLAN MITIGATED NEGATIVE DECLARATION (SCH #2012092002, ADOPTED OCTOBER 11, 2012)

Project Title/File Number:	NIPA PCL 25 – Rezone and General Plan Amendment; PL18-0371
Project Location:	8701 and 8901 Foothills Boulevard
Project Description:	The applicant requests a Rezone and General Plan Amendment for two (2) existing parcels consisting of 8.16 net acres to change the zoning and General Plan land use designation from Neighborhood Commercial to Light Industrial to be consistent with the surrounding parcels.
Project Applicant:	Greg Bardini, Morton & Pitalo, Inc.
Property Owner:	Brett Baumgarten, Clearview 8035 Foothills Blvd., LLC
Lead Agency Contact:	Kinarik Shallow, Assistant Planner; (916) 746-1309

An Addendum to a previously certified and adopted negative declaration or environmental impact report may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR or negative declaration have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis has been prepared in order to demonstrate that none of the conditions described in Section 15162 of the CEQA Guidelines calling for preparation of a subsequent EIR have occurred and that only minor technical changes or additions are necessary in order to deem the adopted negative declaration adequate to describe the impacts of the proposed project. CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review, but can be included in or attached to the adopted negative declaration for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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PROJECT DESCRIPTION

Project Location

The 8.92±-acre project site consists of two vacant parcels located at 8701 and 8901 Foothills Boulevard, on the east side of Foothills Boulevard and near the southeast corner of Blue Oaks Boulevard and Foothills Boulevard (see Figure 1). The subject property is located on Parcel 25 of the North Industrial Planning Area (NIPA) and has a zoning designation and General Plan land use designation of Neighborhood Commercial (NC). The zoning and land use designations of the surrounding properties are shown in Table 1 below.

Figure 1: Project Location



Table 1: Adjacent Zoning and Land Use

Location	Zoning	General Plan Land Use	Actual Use of Property
Site	Neighborhood Commercial (NC)	NC	Undeveloped
North	Light Industrial (M1)	Light Industrial (LI)	Office
South	M1	LI	Self-Storage
East	M1	LI	Undeveloped
West	Light Industrial/Special Area (M1/SA)	LI	Industrial Facility

Background

The project site is located within the North Industrial Planning Area (NIPA) of the City of Roseville. The North Industrial area is not subject to a specific plan, but is a recognized planning subarea of the City that was approved in 1995. It includes Design Guidelines, a land use table, and a land use map. The North Industrial area is

intended primarily for industrial uses and employment centers, and consists of approximately 2,046 gross acres west of Washington Boulevard and north of the Northwest Roseville Specific Plan. The subject parcels originally had a zoning designation of Planned Development for Light Industrial and a land use designation of Light Industrial. City Council approved a Rezone and General Plan Amendment for the parcels in 1992 to change the zoning and land use to the current NC designation.

The subject parcels were part of a large lot subdivision map approved in 1992 (File #SUBD 91-11) intended to create a 14-lot business park (Lantech Business Center), followed by an extension and modification to the subdivision map in 1998 (File #SUBDEXT 91-11A and #SUBDMOD 91-11B); however, this map was never recorded. In 2013, a four-lot parcel map was approved (File #2013PL-029) and ultimately recorded, and it was this map which created the parcels on which the project is now proposed. The map included an Irrevocable Offer of Dedication for the extension of the future Roseville Parkway along the southern boundary of the project site, and the dedication of a 58-foot-wide right-of-way for the extension of Niblick Drive along the eastern project boundary (connecting to the rear of the existing FedEx property to the south).

On October 11, 2012, a Major Grading Plan (File #2012PL-064) was approved which covered mass grading activities on all of the undeveloped property between Foothills Boulevard to the west, the train tracks to the east, the Niblick Drive stub to the north, and a point even with the southern Hewlett Packard driveway. The NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012) covered the impacts of grading of the project site and the surrounding properties (Attachment 1). The properties to the south have already been graded and developed consistent with the approved Grading Plan.

On August 20, 2015, a Design Review Permit (File #PL15-0058) was approved to allow the construction of the Roseville Self-Storage facility located to the south. As part of that project, an Addendum to the MND was prepared (Attachment 2). This project involved grading of the site, the construction of four self-storage buildings totaling approximately 106,000 square feet, the construction of a caretaker's residence and office of approximately 4,000 square feet, construction of frontage improvements, and the construction of a small portion of Niblick Drive on the eastern side of the site. Additionally, a portion of the Roseville Parkway extension was constructed between Foothills Boulevard and Niblick Drive to allow access to the site.

Environmental Setting

The project site is undeveloped and the topography is uneven and rolling. The site is dominated by non-native grasses; there are no trees on the site. The two parcels front onto Foothills Boulevard, which is a four-lane arterial roadway, and are surrounded by urban development to the north, west, and south, and an undeveloped M1 parcel to the east. A wetland delineation prepared for the MND concluded wetlands were present on the subject parcels and some of the surrounding properties. As previously mentioned, these features were approved to be filled through a Major Grading Plan that was approved by the Planning Commission on October 11, 2012. The future Roseville Parkway extension has not been completed, but a segment of the roadway between Foothills Boulevard and Niblick Drive is constructed and complete with intersection improvements.

Proposed Project

The proposed project includes rezoning two parcels from NC to M1 and amending the General Plan land use designation from NC to LI. This would allow the property to be developed with light industrial use types. No grading or buildings are proposed at this time. Approval of the project would require text and map changes to the City's General Plan and NIPA land use tables and map.

PURPOSE AND SCOPE OF ADDENDUM

As discussed in the Background section, a Mitigated Negative Declaration (MND) for the NIPA PCL 50—Foothills Corporate Center Grading Plan was adopted on October 11, 2012. The MND covered grading activities on the project site and the surrounding properties. The MND, supporting Initial Study, and related attachments are included as Attachment 1 of this Addendum. The adopted MND analyzed impacts related to aesthetics, agricultural and forestry resources, air quality and greenhouse gases, biological resources, cultural resources, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, and utilities and service systems. The proposed project does not involve grading activities nor does it involve construction. The majority of impacts caused by a project occur due to the grading and construction work which disturbs the site, and thus the MND adequately covers the impacts of the proposed project.

The analyses below rely on the MND analysis with minor supplements or technical updates where appropriate. Most of the project impacts remain identical to the impacts of the MND because the proposed project only changes the allowable use types on the property, and does not change the grading assumptions for the site. Impacts to physical resources (such as agricultural land, biological resources, etc.) are based on the grading and development of an area, not on the proposed use types on the property. For other types of impacts which are affected by use type, the project reduces or maintains the same level of potential impacts.

ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW

The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed in prior environmental documents.

EXPLANATION OF CHECKLIST EVALUATION CATEGORIES

Where Impact was Analyzed

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

Do Proposed Changes Involve New Significant Impacts?

Pursuant to Section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project will result in new significant impacts that have not already been considered and mitigated by the prior environmental review documents and related approvals, or will result in a substantial increase in the severity of a previously identified impact.

Any new Circumstances Involving New Impacts?

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification or adoption of prior environmental documents, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

Any new Information Requiring New Analysis or Verification?

Pursuant to Section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified or adopted is available requiring an update to the analysis of the previous environmental documents to verify that the environmental conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new

information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

Mitigation Measures Implemented or Addressing Impacts

Pursuant to Section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in any instance where mitigation was included, regardless of whether the mitigation has been completed at this time. If “none” is indicated, this environmental analysis concludes a significant impact does not occur with this project, no mitigation was previously included, and no mitigation is needed.

DISCUSSION AND MITIGATION SECTIONS**Discussion**

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or has already been implemented.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

Conclusions

A discussion of the conclusion relating to the analysis contained in each section.

CHECKLIST

I. Aesthetics

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a. Have a substantial adverse effect on a scenic vista?	Page 6	No	No	No	None
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	Same	No	No	No	None
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	Same	No	No	No	None
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	Same	No	No	No	None
Discussion: The project site does not abut and is not visible from any designated scenic vista or scenic highway. The MND analyzed the impacts of grading of the project site and considered them to be less than significant. This conclusion remains appropriate for the proposed project as it only involves a land use and zone change and does not include any aesthetic disruption such as grading. In the event of future construction on the site, the Findings of Fact for the CEQA Implementing Procedures indicate that compliance with the Zoning Ordinance, Subdivision Ordinance, Community Design Guidelines, and applicable Specific Plan Policies and/or Specific Plan Design Guidelines will prevent significant impacts related to construction of buildings in urban settings.					

II. Agricultural & Forestry Resources

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Page 7	No	No	No	None
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	Same	No	No	No	None
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	Same	No	No	No	None
d) Result in the loss of forest land or conversion of forest land to non-forest use?	Same	No	No	No	None
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	Same	No	No	No	None
Discussion: The MND concluded there were no resources to be affected by grading and conversion of the site to urban uses. The project site is not used for agricultural purposes, does not include agricultural zoning, is not within or adjacent to one of the areas of the City designated as a protected farmland category on the Placer County Important Farmland map, is not within or adjacent to land within a Williamson Act Contract, and is not considered forest land. Based on this, the proposed project will have no impact on agricultural resources.					

III. Air Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with or obstruct implementation of the applicable air quality plan?	Page 9	No	No	No	None
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	Same	No	No	No	None
c) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	Same	No	No	No	None
d) Expose sensitive receptors to substantial pollutant concentrations?	Same	No	No	No	None
e) Create objectionable odors affecting a substantial number of people?	Same	No	No	No	None
Discussion: The MND concluded that standard dust control and other construction measures would be sufficient to avoid construction impacts, and that Citywide measures for the control of greenhouse gases were likewise sufficient for both construction and operation of allowed uses on the site. The MND further found that there are no substantial odor-producers in the vicinity, and the probable uses on the site would not produce substantial odors. This conclusion remains appropriate for this project. An operational-level analysis of primary pollutants other than greenhouse gases was not performed, but is not necessary for the proposed project as the use of the property is not known at this time. Thus, impacts are less than significant.					

IV. Biological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	Page 17	No	No	No	MM2
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Same	No	No	No	None
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	Same	No	No	No	MM1
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Same	No	No	No	None
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Same	No	No	No	None

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	Same	No	No	No	None
Discussion: The MND included a Wetland Delineation and Special Status Species Assessment, as well as a Biological Opinion. It was determined that wetlands were present, and the US Fish and Wildlife Services determined the grading plan included the potential to affect listed vernal pool crustaceans. As a result, mitigation measures were added to ensure impacts would be less than significant. These measures consisted of wetland compensation (MM1) and special status species surveys/mitigation (MM2). Subsequent to approval of the grading plan, Section 404 and Section 401 permits were issued that permitted fill of the wetlands. There is no grading or construction involved with the proposed project; thus, the mitigation measures do not apply. The project will have no new impact on biological resources.					

V. Cultural, Archeological, or Paleontological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Cause a substantial adverse change in the significance of an historic resource as defined in Section 15064.5?	Page 18	No	No	No	MM3
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	Same	No	No	No	MM3
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Same	No	No	No	MM3
d) Disturb any human remains, including those interred outside of dedicated cemeteries?	Same	No	No	No	MM3
Discussion: The MND discussed the potential for subsurface remains or deposits to be found on the site, and included a mitigation measure requiring a cessation of work should any item of cultural interest be found. The mitigation was found to render potential impacts less than significant. This conclusion remains appropriate for this project. Mitigation Measures: MM3—In the event of the discovery of buried paleontological, archaeological, or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's Office shall be contacted immediately. The Coroner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.					

VI. Geology and Soils

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	Page 19	No	No	No	None
i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	Same	No	No	No	None
ii) Strong seismic ground shaking?	Same	No	No	No	None
iii) Seismic-related ground failure, including liquefaction?	Same	No	No	No	None
iv) Landslides?	Same	No	No	No	None
b) Result in substantial soil erosion or the loss of topsoil?	Same	No	No	No	None
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	Same	No	No	No	None
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	Same	No	No	No	None

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	Same	No	No	No	None
Discussion: The project site is located in Roseville, Placer County. The California Department of Mines and Geology classifies the South Placer area as a low severity earthquake zone. Therefore, the project will not expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides. The MND concluded that compliance with existing regulations and permit requirements would be sufficient to avoid impacts of grading with respect to soils. Thus, impacts associated with disruption, displacement, and compaction of soils associated with the development was considered to be less than significant. The proposed project does not involve grading and would not result in additional impacts. A review of the Natural Resources Conservation Service Soil Survey for Placer County, accessed via the Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/), indicates that the soil on the site is Cometa-Fiddymet complex, 1 to 5 percent slopes, which is not listed as geologically unstable or sensitive. No septic tanks are proposed as part of this project.					

VII. Greenhouse Gases

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Not applicable.	No	No	No	None
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Not applicable.	No	No	No	None
Discussion: The General Plan includes policies which require greenhouse gas (GHG) emissions reduction. A list of City initiated measures to reduce GHG's are included in the City of Roseville Utility Operations. The MND concluded that the Citywide measures for the control of GHGs					

were likewise sufficient for both construction and operation of allowed uses on the site; impacts were considered to be less than significant. The proposed project does not result in any new impacts related to this criteria.

VIII. Hazards and Hazardous Materials

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Page 21	No	No	No	None
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	Same	No	No	No	None
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	Same	No	No	No	None
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	Same	No	No	No	None
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	Same	No	No	No	None

f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area?	Same	No	No	No	None
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Same	No	No	No	None
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	Same	No	No	No	None

Discussion: The MND concluded that existing regulations and permits would prevent significant impacts as it relates to construction activities on the site, but did not discuss operations because the impact is highly dependent on the specific type of use. Per the General Plan, the light industrial land use is applied to lands reserved for office, industrial, and research and development uses that generate very limited noise, vibration, odor, dust, smoke, light, or other pollutants. The use of the project site is not known at this time, though future projects proposed on the site would be subject to environmental review per CEQA. As such, the proposed Rezone and GPA of the property would not result in significant impacts related to this topic.

The project is not located on a state-listed hazardous site and is not within the boundaries of an airport land use plan or in the vicinity of a private airstrip. The site is located within an area currently receiving City emergency services and it will not increase the demand for emergency services; thus, the project will have a less than significant impact to the City's Emergency Response or Management Plans. The project site is in an urban area and would not expose people to any risk from wildland fire. The project does not result in any changes to the scope or scale of impacts, and the prior conclusions remain appropriate.

IX. Hydrology and Water Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Violate any water quality standards or waste discharge requirements?	Page 23	No	No	No	None
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	Same	No	No	No	None
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off-site?	Same	No	No	No	None
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site?	Same	No	No	No	None
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted water?	Same	No	No	No	None
f) Otherwise substantially degrade water quality?	Same	No	No	No	None

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	Same	No	No	No	None
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	Same	No	No	No	None
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	Same	No	No	No	None
j) Inundation by seiche, tsunami, or mudflow?	Same	No	No	No	None

Discussion: The MND indicated that there would be no impact with respect to flooding, and that existing regulations and permits would ensure that water quality and stormwater impacts would be less than significant. This conclusion remains appropriate for this project.

X. Land Use and Planning

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Physically divide an established community?	Page 24	No	No	No	None
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	Same	No	No	No	None
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Same	No	No	No	None
Discussion: The proposed project will not physically divide an established community. The project will convert approximately 8.16 acres of land designated for neighborhood commercial uses to light industrial uses. The proposed land use and zone is consistent with the surrounding light industrial properties. Additionally, the project site is located within the North Industrial Planning Area, a planning subarea of the City designated for industrial uses. The MND discussed that the General Plan contains policies designed to avoid the loss of wetland areas. The MND included mitigation measures designed to compensate for the loss of wetlands and concluded that grading of the project site would not have an impact on land use and planning efforts. The proposed project will not conflict with the policies adopted for the purpose of avoiding or mitigating an environmental effect. There are no Habitat Conservation Plans or Natural Community Conservation Plans covering the project site. Therefore, no impact will occur.					

XI. Mineral Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	Page 24	No	No	No	None
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	Same	No	No	No	None
Discussion: The MND indicated there are no significant mineral resources in the area and the 2015 Addendum reiterated that conclusion. The conclusion also remains appropriate for this project.					

XII. Noise

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Exposer of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Page 25	No	No	No	None
b) Exposure of persons to or generation of excessive ground borne vibration of ground borne noise levels?	Same	No	No	No	None

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	Same	No	No	No	None
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	Same	No	No	No	None
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	Same	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	Same	No	No	No	None

Discussion: The MND addressed construction noise as it relates to grading activities, and found the impact to be less than significant. The 2015 Addendum addressed operational noise as it relates to the self-storage facility and determined it is not a noise-generating use. The proposed project does not involve construction or development activities; thus, no impact will occur.

The project site is located adjacent to Foothills Boulevard, which is identified as a transportation noise source in the City's General Plan Noise Element. According to the General Plan, the project site is within the 60 L_{dn} noise contour for both existing roadways and future roadways (City of Roseville 2015, Figure IX-1 and Figure IX-2). The closest sensitive receptors are approximately 1,700 feet from the project site. The project is not within an airport land use plan or within two miles of a public or public use airport, and there are also no private airstrips in the vicinity of the project area.

With the proposed project, the site would have the potential to be occupied by commercial and industrial uses as permitted in Section 19.14.020 of the Zoning Ordinance; however, there is no specific use proposed with this project. The potential commercial and industrial uses on the site would not be subject to the maximum noise exposure limits because the General Plan considers those uses less sensitive to noise exposure. Based on this, impacts are less than significant.

XIII. Population and Housing

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	Page 26	No	No	No	None
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	Same	No	No	No	None
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	Same	No	No	No	None
Discussion: The proposed project will amend the General Plan land use designation of the subject parcels from Neighborhood Commercial (NC) to Light Industrial (LI), and will also changing the zoning designation from Neighborhood Commercial (NC) to Light Industrial (M1). The proposal is not a housing-related project, does not induce growth beyond that anticipated in the General Plan EIR, and does not displace any existing housing. No housing exists on the project site; therefore, there would be no impact with respect to these criteria.					

XIV. Public Services

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services:					
a) Fire protection?	Page 26	No	No	No	None
b) Police protection?	Same	No	No	No	None
c) Schools?	Same	No	No	No	None
d) Parks?	Same	No	No	No	None
e) Other public facilities?	Same	No	No	No	None
Discussion: The MND discussed that the City's General Plan EIR identifies and adopts mitigation for impacts to public services, including police and fire protection, wastewater services, and solid waste disposal. The proposed project will not increase the need for public services and utilities beyond that identified in the General Plan EIR, and the impact is considered less than significant.					

XV. Recreation

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?	Page 27	No	No	No	None
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	Same	No	No	No	None
Discussion: The project involves a change in land use and zoning from Neighborhood Commercial to Light Industrial, which would allow the property to be developed with industrial uses. The MND determined adequate facilities are located within the project area. The 2015 Addendum also concluded that development of an industrial property does not result in any additional recreational facility demand. This conclusion remains appropriate for this project.					

XVI. Transportation/Traffic

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	Page 28	No	No	No	None
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	Same	No	No	No	None
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	Same	No	No	No	None
d) Substantially increase hazards due to a design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Same	No	No	No	None
e) Result in inadequate emergency access?	Same	No	No	No	None

f) Conflict with adopted policies, plans, or programs supporting public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	Same	No	No	No	None
Discussion: The MND identified short term traffic impacts from grading equipment being brought to the site, however the impacts were considered to be minor. The current project proposes a rezone of the site from NC to M1, which would allow for light industrial use types. Prior to the current NC zoning designation of the site, the subject parcels had a zoning designation of Planned Development for Light Industrial uses and were anticipated to be part of a larger business center. The parcels were rezoned to NC in 1992. As part of that rezone, a Traffic Impact Technical Analysis was prepared to identify traffic impacts (Attachment 3). The analysis concluded that commercial uses result in a net increase of daily trips and peak hour trips when compared to light industrial uses. Based on this, it can be assumed that rezoning the property to M1 would result in a lower traffic volume due to the potential types of uses. Thus, impacts are less than significant. There are no airports located in proximity to the site; thus, the project will not result in a change to air traffic patterns. The project does not include the construction of new roadways or street connections. As such, it will not result in increasing hazards or impacting emergency access. The project will not conflict with adopted policies, plans, or programs supporting public transit, bicycle, or pedestrian facilities, or decrease the performance or safety of these facilities.					

XVII. Tribal Cultural Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	Not applicable.				No

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?	Not applicable.	No	No	No	No
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe.	Not applicable.	No	No	No	No

Discussion: In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe.

This section was added to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached, but cultural resources were addressed in that document. Notice of the proposed project was mailed to tribes which had requested such notice pursuant to AB 52 and SB 18. A request for consultation was received by the United Auburn Indian Community (UAIC) on November 13, 2018, and staff responded to the request on November 26, 2018 with information on the status of the project and a request for a meeting. The UAIC determined they had no concerns about the change in zoning and land use since no grading will occur at this time; consultation was subsequently concluded on February 5, 2019. The previously applied mitigation relating to cultural resources should be adequate to address potential impacts of the project (see Mitigation Measure MM3 below).

Mitigation Measure: MM3—In the event of the discovery of buried paleontological, archaeological or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's office shall be contacted immediately. The Coroner shall contact the Native American Heritage commission, which shall notify the appropriate descendant.

XVIII. Utilities and Service Systems

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	Page 28	No	No	No	None
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	Same	No	No	No	None
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	Same	No	No	No	None
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	Same	No	No	No	None
e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	Same	No	No	No	None
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	Same	No	No	No	None
g) Comply with federal, state, and local statutes and regulations related to solid waste?	Same	No	No	No	None

Discussion: The MND addressed only grading impacts and determined there were no impacts on utilities. The proposed project was routed to various City departments and utility agencies for review. No impacts resulting from the proposed land use and zone changes were identified. Future development of the project site will be reviewed by the City's Engineering Division, Environmental Utilities, Roseville Electric, and PG&E to ensure adequate services are available and for compliance with applicable statutes and regulations.

XIX. Mandatory Findings of Significance

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	Page 30	No	No	No	None
b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	Same	No	No	No	None
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Same	No	No	No	None

Discussion: Long term environmental goals are not impacted by the proposed project. The cumulative impacts do not deviate beyond what was contemplated in the General Plan EIR, and mitigation measures have already been incorporated. With implementation of the City's Mitigating Ordinances, Guidelines, and Standards and best management practices, mitigation measures described in this chapter, and permit conditions, the proposed project will not have a significant impact on the habitat of any plant or animal species. Based on the foregoing, the proposed project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species, or create adverse effects on human beings.

ENVIRONMENTAL DETERMINATION:

In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR or negative declaration and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the 2nd Addendum to the NIPA PCL 50 – Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012), the Lead Agency makes the following findings:

[X] No substantial changes are proposed in the project which would require major revisions of the previous EIR or Mitigated Negative Declaration.

[X] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[X] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete or the Mitigated Negative Declaration was adopted.

[X] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:



Kinarik Shallow, Assistant Planner
City of Roseville, Development Services—Planning Division

Attachments:

1. NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration
2. Addendum to the NIPA PCL 50—Foothills Corporate Center Grading Plan Mitigated Negative Declaration
3. Traffic Impact Technical Analysis for Lantech Business Center



NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

Project Title/File Number: NIPA PCL 50 – Foothills Corporate Center Grading Plan

Project Location: 8501 Foothills Bl.; Roseville; Placer County; APN: 017-230-014-000

Project Description: The applicant requests approval of a Major Grading Plan that would allow rough grading of the site and seasonal wetlands on the site to be filled.

Project Applicant: Greg Bardini, Morton & Pitalo, Inc.; (916) 984-7621; 75 Iron Point Circle #120, Folsom, CA 95630

Property Owner: Daisy Stires, Sterling Savings Bank ; (509) 227-0960 ; 111 North Wall St., Spokane, WA 99026

Lead Agency Contract Person: Derek Ogden, Associate Planner

DECLARATION: *The Planning Director has determined that the above project will have no significant effect on the environment and therefore does not require preparation of an Environmental Impact Report. The determination is based on the following findings:*

- A. *The project will not have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, rare or threatened species, reduce the number or restrict the range of rare or endangered plants or animals or eliminate important examples of the major periods of California history or prehistory.*
- B. *The project will not have the potential to achieve short-term, to the disadvantage of long-term, environmental goals.*
- C. *The project will not have impacts, which are individually limited, but cumulatively considerable.*
- D. *The project will not have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly.*
- E. *No substantial evidence exists that the project may have a significant effect on the environment.*
- F. *The project incorporates all applicable mitigation measures identified in the attached initial study.*
- G. *This mitigated negative declaration reflects the independent judgment of the lead agency.*

Copies of the proposed Mitigated Negative Declaration and all documents referenced therein are available for review by members of the public at the City of Roseville, Planning Department, 311 Vernon Street, Roseville, CA 95678, during the normal business hours of 8 am to 5 pm, Monday through Friday.

Written comments shall be submitted no later than October 5, 2012, which is 30 days from the start of the posting date of September 5, 2012.

POSTING PERIOD: September 5, 2012 to October 5, 2012

SUBMIT COMMENTS TO:

Roseville Planning Department
Attn: Derek Ogden
311 Vernon Street
Roseville, CA 95678

Initial Study Prepared by:



Derek Ogden, Associate Planner

The public hearing regarding the project will be held on October 11, 2012 at 7:00 p.m. before the Planning Commission. The hearing will be held in the City of Roseville Council Chambers located at 311 Vernon Street, Roseville, California.

NOTE TO PLACER COUNTY CLERK: Please mail the original of this document back to the Roseville City Clerk at 311 Vernon Street, Suite 208, Roseville, CA 95678.

INITIAL STUDY & ENVIRONMENTAL CHECKLIST

Project Title/File Number:	NIPA PCL 50 – Foothills Corporate Center Grading Plan
Project Location:	8501 Foothills Bl.; Roseville; Placer County; APN: 017-230-014-000
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Lead Agency Contact Person:	Derek Ogden, Associate Planner - City of Roseville; (916) 774-5276

This initial study has been prepared to identify and assess the anticipated environmental impacts of the above described project application. The document relies on previous environmental documents (see Attachments) and site-specific studies prepared to address in detail the effects or impacts associated with the project. Where documents were submitted by consultants working for the applicant, City staff reviewed such documents in order to determine whether, based on their own professional judgment and expertise, staff found such documents to be credible and persuasive. Staff has only relied on documents that reflect their independent judgment, and has not accepted at face value representations made by consultants for the applicant.

This document has been prepared to satisfy the California Environmental Quality Act (CEQA), (Public Resources Code, Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

The initial study is a public document used by the decision-making lead agency to determine whether a project may have a significant effect on the environment. If the lead agency finds substantial evidence that any aspect of the project, either individually or cumulatively, may have a significant effect on the environment, regardless of whether the overall effect of the project is adverse or beneficial, the lead agency is required to prepare an EIR. If the agency finds no substantial evidence that the project or any of its aspects may cause a significant effect on the environment, a negative declaration shall be prepared. If in the course of analysis, the agency recognizes that the project may have a significant impact on the environment, but that by incorporating specific mitigation measures to which the applicant agrees, the impact will be reduced to a less than significant effect, a mitigated negative declaration shall be prepared.

Because the proposed project is consistent with the City's General Plan, for which an EIR was prepared, the project is subject to the streamlining provisions of CEQA Guidelines Section 15183.

Under that section, certain categories of impacts can be exempt from CEQA, including significant effects of projects that were previously disclosed in a General Plan EIR. (See CEQA Guidelines, § 15183, subd. (b)(2).) In general, project-specific review under that section is focused on “project-specific significant impacts which are peculiar to the project or its site.” (*Id.*, subd. (a).) Notably, “[a]n effect of a project on the environment shall not be considered peculiar to the project or the parcel . . . if uniformly applied development policies or standards have been previously adopted by the city . . . with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect.” (*Id.*, subd. (f).).

In reviewing the site specific information provided for this project, the City of Roseville Planning Department has analyzed the potential environmental impacts created by this project and determined that with mitigation the impacts are less than significant. As demonstrated in the initial study checklist, there are no “project specific significant effects which are peculiar to the project or site” that cannot be reduced to less than significant effects through mitigation (CEQA Section 15183) and therefore an additional EIR **is not** required. Therefore, **on the basis of the following initial evaluation**, we find that the proposed project **could not** have a significant effect on the environment, and a **Mitigated Negative Declaration** will be prepared.

Prepared by: Derek Ogden
Derek Ogden, Associate Planner

Date: 9/5/12

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PROJECT DESCRIPTION

Project Location

The project site is located at 8501 Foothills Bl. The site is physically located on the eastern side of Foothills Bl. in between Foothills Bl. and Washington Bl. (see Figure1).

Setting

The project site is approximately 60 acres and is primarily rolling grasslands with a single ephemeral drainage swale that traverses the property in the northern portion of the site. There are several other wetland features including vernal pools, seasonal wetlands and seasonal wetland swales on the property. Approximately .28 acres of seasonal wetlands and drainage areas exist on the site. In addition, a public utility easement exists along the southern property line where existing overhead electric lines are located.

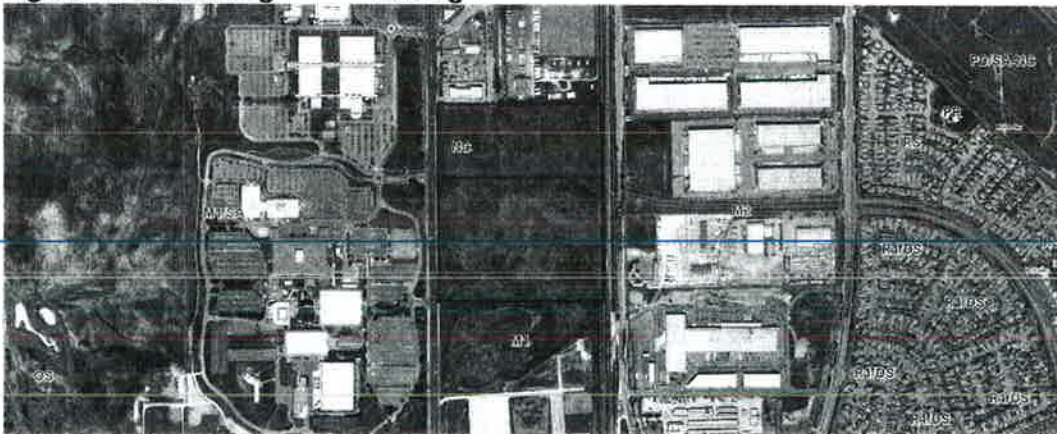
The majority of the property has a zoning designation of Light Industrial (M1) and a General Plan land use designation of Light Industrial (LI) (Figure 1). A portion of the property in the northwestern corner of the site has a zoning designation of Neighborhood Commercial (NC).

Surrounding Zoning and Land Use

Location	Zoning	General Plan Land Use	Actual Use of Property
Site	Light Industrial (M1) & Neighborhood Commercial (NC)	Light Industrial (LI) & Neighborhood Commercial (NC)	vacant
North	M1	LI	Office/ Industrial Complex
South	M1	LI	Telefunken Campus (vacant land immediately south)
East	M2	Industrial (IND)	Industrial Complex
West	M1/SA	LI	Hewlett Packard Campus

The current request is to prepare the site for future development by rough grading the property and filling the .28 acres of wetland areas on the site. The City's Grading Ordinance requires approval of a Major Grading Plan when a project will impact natural features such as wetlands or native oak trees.

Figure 1: Surrounding Uses & Zoning



UNIFORMLY APPLIED POLICIES AND STANDARDS

For projects that are consistent with the development density established by existing zoning, community plan, or general plan policies for which an EIR was certified, CEQA Guidelines Section 15183, as noted earlier, allows a lead agency to rely on previously adopted development policies or standards as mitigation for the environmental effects, when the standards have been adopted by the City, with findings based on substantial evidence, that the policies or standards will substantially mitigate environmental effects, unless substantial new information shows otherwise (CEQA Guidelines §15183(f)). In April 2008, the City of Roseville adopted Findings of Fact related to the mitigating policies and standards, and adopting the City of Roseville CEQA implementing procedures for the preparation, processing, and review of environmental documents (Resolution 08-172). These findings are applicable to the following regulations and ordinances, which include standards and policies that are uniformly applied throughout the City, and will substantially mitigate specified environmental effects of future projects:

- City of Roseville CEQA Implementing Procedures
- City of Roseville General Plan Policies
- City of Roseville Zoning Ordinance (RMC Title 19)
- Noise Regulation (RMC Ch.9.24)
- Flood Damage Prevention Ordinance (RMC Ch.9.80)
- Traffic Mitigation Fee (RMC Ch.4.44)
- Highway 65 Joint Powers Authority Improvement Fee (Resolution 2008-02)
- South Placer Regional Transportation Authority Transportation and Air Quality Mitigation Fee (Resolution 09-05)
- Drainage Fees (Dry Creek [RMC Ch.4.49] and Pleasant Grove Creek [RMC Ch.4.48])
- City of Roseville Improvement Standards (Resolution 02-37)
- City of Roseville Construction Standards (Resolution 01-208)
- Tree Preservation Ordinance (RMC Ch.19.66)
- Subdivision Ordinance (RMC Title 18)
- Community Design Guidelines (Resolution 95-347)
- Specific Plan Design Guidelines:
 - Development Guidelines Del Webb Specific Plan (Resolution 96-330)
 - North Central Roseville Specific Plan and Landscape Design Guidelines (Resolution 90-170)
 - North Roseville Specific Plan and Design Guidelines (Resolution 00-432)
 - Northeast Roseville Specific Plan (Olympus Pointe) Signage Guidelines (Resolution 89-42)
 - North Roseville Area Design Guidelines (Resolution 92-226)
 - Northeast Roseville Specific Plan Landscape Design Guidelines (Resolution 87-31)
 - Southeast Roseville Specific Plan Landscape Design Guidelines (Resolution 88-51)
 - Stoneridge Specific Plan and Design Guidelines (Resolution 98-53)
 - West Roseville Specific Plan (Resolution #04-38)

The City's Mitigating Policies and Standards are referenced, where applicable, in the Initial Study Checklist. The City of Roseville has adopted CEQA Findings that these Mitigating Policies and Standards substantially mitigate specified environmental impacts of the future project.

EXPLANATION OF INITIAL STUDY CHECKLIST

The California Environmental Quality Act (CEQA) Guidelines recommend that lead agencies use an Initial Study Checklist to determine potential impacts of the proposed project to the physical environment. The Initial Study Checklist provides a list of questions concerning a comprehensive array

of environmental issue areas potentially affected by this project. This section of the Initial Study incorporates a portion of Appendix "G" Environmental Checklist Form, contained in the CEQA Guidelines.

There are four (4) possible answers to the Environmental Impacts Checklist on the following pages. Each possible answer is explained herein:

- 1) A "Potentially Significant Impact" is appropriate if there is enough relevant information and reasonable inferences from the information that a fair argument based on substantial evidence can be made to support a conclusion that a substantial, or potentially substantial, adverse change may occur to any of the physical conditions within the area affected by the project. When one or more "Potentially Significant Impact" entries are made, an EIR is required.
- 2) A "Potentially Significant Unless Mitigation Incorporated" answer is appropriate where the applicant has agreed to incorporate a mitigation measure to reduce an impact from "Potentially Significant" to a "Less than Significant." For instance, impacts to flood waters could be reduced from a "potentially significant impact" to a "less than significant impact" by relocating a building to an area outside of the floodway. The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less-than-significant level. Mitigation Measures are identified as MM followed by a number.
- 3) A "Less Than Significant Impact" answer is appropriate if there is evidence that one or more environmental impacts may occur, but the impacts are determined to be less than significant, or that the application of development policies and standards to the project will reduce the impact(s) to a less than significant level. For instance, the application of the City's Improvement Standards reduces potential erosion impacts to a less than significant impact.
- 4) A "No Impact" answer is appropriate where it can be clearly seen that the impact at hand does not have the potential to adversely affect the environment. For instance, a project in the center of an urbanized area will clearly not have an adverse effect on agricultural resources or operations.

All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project level, indirect as well as direct, and construction as well as operational impacts.

A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources cited in the parentheses following each response. A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards.

INITIAL STUDY CHECKLIST

I. Aesthetics

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?			X	
b) Substantially damage scenic resources, including, but not limited			X	

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
to, trees, rock outcroppings, and historic buildings within a state scenic highway?				
c) Substantially degrade the existing visual character or quality of the site and its surroundings?			X	
d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?			X	

Discussion of Checklist Answers:

a-c) The project site does not abut and is not visible from any designated scenic vista or scenic highway. The project will involve grading a vacant parcel that has been anticipated for development by both the NIPA and the General Plan. The General Plan EIR identified that the conversion of an undeveloped parcel to urban development as an unavoidable significant impact for which the City Council also adopted a statement of overriding considerations. The site is now surrounded by development. Since the setting is now an urban environment, contour grading on the site is considered a less than significant impact.

d) Light and glare will not increase above the existing condition. The proposed project will only involve minor grading and the City's Improvement Standards require the areas where grading will occur to be covered with an erosion control seed mixture that will help to prevent degradation of views of the property.

Aesthetic impacts will be less than significant.

II. Agricultural & Forestry Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to				X

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

Discussion of Checklist Answers:

a, e) The subject property contains no prime farmland, unique farmland, or farmland of statewide importance or active agricultural operations. The Special Status species assessment prepared for the Foothills Corporate Center (Attachment 1) identified the soil type in the project area as Cometa-Fiddymet Complex. This soil type is not listed as a high quality soil that supports agriculture. Therefore there will be no impact to farmlands and no mitigation is required.

b) The subject property is not currently under a Williamson Act contract or zoned for agricultural use. Development of the proposed project will not conflict with existing zoning for agriculture use or an active Williamson Act contract and no mitigation is required.

c- e) The project site does not support any forest resources and the land is not zoned for forestry activities or timberland. The project would have no impacts to forest resources. No mitigation is required.

No agricultural or forestry resources are present on the site. Therefore, the proposed project will not have an impact on agricultural or forestry resources.

III. Air Quality and Greenhouse Gases

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?				X
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X	
c) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?			X	
d) Expose sensitive receptors to substantial pollutant concentrations?			X	
e) Create objectionable odors affecting a substantial number of people?			X	
f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
g) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Discussion of Checklist Answers:

A-E): California Clean Air Act Requirements

The City of Roseville, along with the south Placer County area, is located in the Sacramento Air Quality Maintenance Area (SAQMA). Under the California Clean Air Act, Placer County has been designated a "serious non-attainment" area for ozone and a "non-attainment" area for PM10 (particulate matter less than 10 microns in diameter). The Placer County Air Pollution Control District (PCAPCD) is responsible for administration of state and federal air quality standards. In 1991, the PCAPCD adopted its first Air Quality Attainment Plan (AQAP). The AQAP is required by the California Clean Air Act (CCAA), and is designed to bring Placer County into compliance with state ozone standards, which are generally more stringent than current federal ambient standards.

Federal Clean Air Act Requirements

Under the Federal Clean Air Act, Placer County is designated as a severe non-attainment area for ozone, and is an attainment area for the federal PM10 standards, and other criteria pollutants. The City of Roseville, along with the south Placer County area, is located in the Sacramento Air Quality Maintenance Area (SAQMA). The Sacramento Area Council of Governments (SACOG), in conjunction with SAQMA air quality management districts, and the California Air Resources Board, developed the SAQMA portion of

the State Implementation Plan (SIP). The SIP is required to demonstrate compliance with the Federal Clean Air Act Amendments. The U.S. EPA approved the SIP in 1996, and the SAQMA has since been operating under the SIP control measures.

This project alone does not have a potential to significantly degrade air quality. However, the incremental impacts associated with this project considered cumulatively with the incremental impacts of other projects will degrade air quality. The General Plan EIR has assessed the impacts to air quality from development of the parcel in its cumulative impact analyses. The General Plan EIR found that the significant adverse air quality impacts cannot be mitigated to a less than significant level even with the mitigation measures proposed. Addressing the unmitigatable cumulative impacts to air quality, the EIR adopted findings of overriding consideration. However, CEQA requires that reductions in adverse project impacts be made, where it is feasible to do so.

Short term impacts to air quality can be expected in association with construction activities. These impacts are primarily associated with construction activities and the increased potential for dust and wind driven erosion of soils. Particulate matter resulting from construction dust will be reduced by implementing standard dust control measures on the job site as part of an erosion control plan. The grading permit and on-site inspection by the Public Works Department will ensure appropriate dust control measures, such as watering are done to reduce short-term air quality impacts. Vehicle exhaust, produced during project construction, could temporarily contribute to the deterioration of ambient air quality. Diesel fuel fumes from construction equipment may be noticeable in the vicinity of the site; however, this is a short-term effect. All equipment must comply with California emissions standards.

This project remains consistent with the development scenarios modeled for the General Plan EIR and the findings and statement of overriding considerations adopted by the City for the General Plan EIR.

There are no sensitive receptors located in the vicinity of the project site. The project does not include components with the potential to create significant objectionable odors. No significant impact associated with odor would result from the project.

F & G) The State has adopted several policies and regulations for the purpose of reducing GHG emissions. The most stringent of these is Assembly Bill 32 (AB 32), which is designated to reduce statewide GHG emissions to 1990 levels by 2020. The City of Roseville has been proactive in improving air quality and reducing GHG's through the following measures:

General Plan

The City of Roseville General Plan was updated in 2008 to specifically identify policies that reduce greenhouse gas emissions. These policies, which address global climate change by requiring greenhouse gas emissions reduction, conserving energy and resources and by addressing the potential impact of climate change (e.g., the flood protection policies) are identified in the General Plan with a leaf symbol.

City of Roseville Operations

Utility Operations: The following is a list of City initiated measures to reduce GHG's that are included in the City of Roseville Utility Operations:

- The Water Treatment, Water Distribution, Storm Water, Wastewater Treatment, Wastewater Collection, and Recycled Water facilities are the primary divisions in the Environmental Utilities Department that are affected by the implementation of the energy efficiency standards listed below.
- Automatic Process Controls Systems: There are numerous benefits of automatic process control systems. Two of the chief benefits are chemical and energy savings. Savings of 20% in chemical and energy consumption with a payback period of 2 years are not uncommon.

- Reduced chemical usage is achieved automatically by varying the chemicals delivered to the process to precisely match the amount of chemical needed. The reduced chemical consumption also achieves the benefit of reducing shipments of chemicals to the facility, reducing pumping costs, and less wear and tear on chemical systems due to excessive operation. All of the chemical control systems in Environmental Utilities utilize automatic process control systems.
- Reduction in electricity consumption is achieved via automatic process controls since the automated system will only operate equipment that is needed for current process conditions. The system constantly evaluates the equipment that is required to control the processes and turns on or off equipment as necessary to maintain permit and regulatory compliance. In addition to turning on and off equipment, many of the motors on process equipment are equipped to vary their speed automatically with variable frequency drives. The variable frequency drives will automatically vary the speed of a pump or other device to match the exact speed required for the process. All capital improvement projects for Environmental Utilities since 1994 utilize automatic process control systems.
- Variable Frequency Drives: Variable frequency drives is a system used to vary the speed of rotating equipment rather than running it at full speed, thereby reducing energy consumption.
- The majority of variable frequency drive applications are for pumps and fans. The savings is largest for them since the theoretical power required varies with the cube of the speed of the equipment. The Energy and Water Management Report conducted by Xenergy in 2001 revealed no additional treatment processes would benefit by addition of variable frequency drives at our treatment facilities since Environmental Utilities had already properly assessed their treatment systems. Each treatment process continues to be evaluated during design to determine whether variable frequency drives will provide a benefit.
- Soft Starters: Soft Starters are utilized to reduce the initial inrush of current that occurs when a city vehicle motor is started.
- Typical starting current for a motor ranges from ten to thirteen times the normal operating current. With the use of soft starters, the starting current is typically reduced to two to three times the normal operating current. Roseville Electric is required to have reserve power available at all times to allow for the extra current demands created by the motors and other loads in the City. Use of soft starters reduces the peak current demand on Roseville Electric and also has the benefit of reducing mechanical and electrical stresses on the affected equipment.
- Premium Efficiency Motors: Electric motors account for majority of the energy costs for Environmental Utilities facilities.
- In 1992 the National Electrical Manufacturers Association standardized the criteria for labeling motors as “premium efficiency”. This label could only be applied to motors that meet stringent criteria for efficiency standards. These efficiencies translate into reduced energy consumption for each motor, and the increased cost of these motors typically has a payback from a few months to a couple of years. Environmental Utilities has required the use of premium efficiency motor for all new replacement motors since 1998.
- Heating Ventilation and Air Conditioning (HVAC) and Lighting Systems: Less than three percent of electricity consumed in the water and wastewater treatment process is due to HVAC and lighting.
- Environmental Utilities meets or exceeds California Code of Regulations Title 24 energy efficiency standards. These efficiencies include use of occupancy sensors for indoor lighting, photocells for outdoor lighting, and programmable thermostats for HVAC systems.

In addition to all of the minimum requirements listed above, Environmental Utilities is partnering with Roseville Electric to investigate new and emerging technologies to reduce the overall electrical consumption by Environmental Utilities. Some of the programs currently being analyzed or

implemented include installation of solar panel grids, wastewater treatment gas powered fuel cells and low pressure-high output ultraviolet disinfection systems for the wastewater treatment facilities.

Diesel Emissions Control Systems (DECS): Twenty-Three (23) solid waste collection trucks and nine (9) diesel transit buses have been retrofitted with DECS reducing the diesel particulate material (PM) by 85% and Nitrogen Oxides (NOx) by 25% for each vehicle.

Ultra Low Sulfur Diesel (ULSD): The City of Roseville has been using ULSD for over two years on its transit fleet and it is now used exclusively by all fleet diesel engines.

Compressed Natural Gas (CNG) Fuel: Nine (9) transit buses and one (2) passenger van operate on CNG fuel.

Hybrid Vehicles: Currently there are four (4) hybrid vehicles in the City's fleet and the City is looking to add more this year.

Biodiesel: Vehicle Maintenance has entered into discussions with area users and distributors to look at the cost/benefit of using biodiesel within the city's diesel fleet.

Traffic Signal-head Retrofits: Over the past 6 years, Roseville has installed or converted 2,539 traffic signal heads, 914-pedestrian signal heads, and 16 internally illuminated street name signs from traditional incandescent light bulbs to energy efficient LED's (Light Emitting Diodes). This change resulted in a 300,900 kWh (kilowatt hour) monthly reduction in energy consumption (3,610,548 kWh annually). Thanks to the LED changeover, the City saves over \$24,900 a month in energy costs – almost \$300,000 a year.

Traffic Signal Coordination: Roseville has 16 roadway segments that are coordinated at various times throughout the day. Out of the 150 existing traffic signals within the city, 87 signals are coordinated – about 58% of all traffic signals in Roseville. Coordinated traffic signals help deter emissions normally created by vehicles through reduced vehicle idling, acceleration and deceleration. It also contributes to increased vehicle fuel economy for the motoring public. Studies have documented a 20% overall reduction in total delay on the coordinated corridors.

Asphalt Recycling: The City's Street Maintenance Division reduces emissions by recycling asphalt materials replaced during maintenance on roadways. Recycled asphalt is reused as base material for overflow parking lots and roadway repairs. This practice saves money and avoids emissions created by asphalt processing.

Climate Action Initiatives

In September 2006, City Council took a major step toward charting a course for a greener and more sustainable Roseville by adopting the National Action Plan for Energy Efficiency and the guiding principles for Greenhouse Gas Reduction Goals. Roseville joined the California Climate Action Registry in 2006 as well.

- **National Action Plan for Energy Efficiency** – In 2006, the United States Environmental Protection Agency (EPA) and Department of Energy (DOE) co-sponsored the National Action Plan for Energy Efficiency (the Action Plan). The Action Plan presents policy recommendations for creating a sustainable, aggressive national commitment to energy efficiency through gas and electric utilities and partner organizations. Such a commitment could save Americans many billions of dollars on energy bills over the next 10 to 15 years, contribute to energy security, and improve our environment. Roseville has adopted the principles of the Action Plan.
- **Climate Action Registry** – Roseville Electric joined the California Climate Action Registry (CCAR) in late 2006. As a member, Roseville Electric compiled and reported its Green House Gas (GHG)

emissions. Roseville Electric's first filing only reported CO₂. All filings subsequent to 2008 report the six Kyoto gases (carbon dioxide, methane, nitrous oxide, hydro fluorocarbons, per fluorocarbons, and sulfur hexafluoride) to the extent Roseville Electric is a producer of the respective gas.

- **Greenhouse Gas Goals** – Roseville Electric is actively monitoring and participating in the efforts of the California Air Resources Board as it implements the "The California Global Warming Solutions Act of 2006," or AB32.
- **Renewable Portfolio (RPS)** – The Roseville Electric Renewable Portfolio Standard requires 20% renewable power resources in Roseville Electric's power portfolio. For over 20 years, the City of Roseville has used renewable energy resources to meet a portion of its customer's needs with its ownership participation in the Northern California Power Agency projects: Collierville hydroelectric facility (1990); geothermal facilities (1983 & 1985 or Plans 1 & 2, respectively); and its purchased power from the Federal entity Western Area Power Administration – Sierra Nevada Region Central Valley Project hydroelectric system. In addition, power is purchased from the landfill gas facility in Lincoln Landfill. The project uses landfill gas, which is mostly methane, to produce electricity instead of allowing the gas to vent into the atmosphere or burned through flaring. Each ton of methane has the equivalent effect of 21 tons of carbon dioxide in its global warming potential. In 2006, these projects, as well as other power purchases served approximately 45% of Roseville's electrical needs. When compared to conventional fossil fuel generation, the output from these renewable sources avoids the projection of 266 million pounds of CO₂ which has the environmental impact of removing 26,176 cars from the road or planting more than 50 million trees each year.
- **The Roseville Energy Park (REP)** – The Roseville Energy Park is a 166 megawatt natural gas fired power plant that utilizes the state-of-the-art and most efficient current combined cycle gas turbine ("CCGT") technology available – a technology recognized and selected by the California state legislature to serve as the benchmark for the Emission Performance Standard ("EPS"). The benchmark will be applied to base load resources located within the state of California and resources that ultimately produce the power that is imported into California.
- **City Owned Solar Electric Systems** – Roseville Electric and the City of Roseville have been active supporters of solar electric generation (photovoltaic, or "PV") since 1997; Electric and Central Services Departments have installed PV on the Ray Sharp Memorial Fire Station #6, at the Roseville Aquatics Center, the Civic Center, and the historic locomotive on Vernon Street. In addition, RE installed a PV system on a rooftop at Silverado Middle School in the Dry Creek School District. These systems provide enough locally generated clean renewable energy to offset approximately 102,000 pounds of CO₂ greenhouse gas emissions from traditional fossil fuel fired generation each year.
- **City Facilities Powered by Clean Renewable Energy** – Currently, Roseville Electric provides both the City's Civic Center and Roseville Electric buildings with clean, renewable power by purchasing 100% of their energy use from Green Roseville, described below. These City buildings alone avoid the projection of more than 1.2 million pounds of CO₂ per year. Roseville Electric hopes to have all City owned facilities powered by clean energy.
- **Green Roseville – Clean Green Energy Program** – Roseville Electric offers its customers the choice to purchase clean, renewable energy for their homes or businesses. Choosing clean energy is one of the most significant efforts an individual or an organization can take to reduce their impact on the environment. Renewable energy ties directly to a reduction in CO₂ emissions and is recognized by the Environmental Protection Agency to have a substantial positive effect on the environment. Green Roseville provides renewable energy from the cleanest, local sources available – wind and solar. The wind energy comes from High Winds wind farm, the largest modern wind farm in California located in nearby Solano County. The solar energy is produced within the City of Roseville by facilities such as Fire Station #6, the Roseville Aquatics Center and the Civic Center. In order to expand the benefits of the program to the community, all proceeds from the solar energy customers are matched by the City of Roseville to support the production of new City-owned PV systems that provide the solar energy used in the program. The average Roseville home enrolled in

the program can prevent about 7,700 pounds of carbon dioxide and other harmful air pollutants such as particulates from entering the atmosphere each year. Small businesses and Large Green Roseville Business Partner Champions have a much greater impact.

- **Shade Tree Program** – Roseville Electric, in cooperation with Roseville Urban Forest Foundation, provides free shade trees to residential and commercial customers as an energy efficiency measure. Properly placed shade trees can reduce summer cooling costs by 20-40 percent while also providing environmental benefits through oxygen exchange and noise reduction.
- **Strategic Planning and Initiatives** – Roseville Electric has a strong commitment to energy reductions and renewable energy resources, two effective ways to reduce GHG's and assist in creating a sustainable community. As a strategic goal, Roseville will reduce energy requirements by 5% by 2012 through demand side programs such as energy efficiency and renewable energy resources like solar energy facilities. State law requires roughly 3% of total electric revenue be targeted toward demand side efforts. Roseville exceeds this requirement with an allocation of 5% of total revenues toward the demand side programs and resources.
- **Solar Electric (PV) Incentive Programs** – Solar electric generation incentives are provided to Roseville residential and commercial electric customers – both for new buildings and to retrofit existing buildings. PV systems reach peak production during times of the day when the Roseville Electric system experiences maximum electric demand from City customers. PV incentives are designed to minimize the customer's project "first cost" (initial investment) with respect to installing new PV equipment. Roseville Electric presently has 460 AC watts installed, with generation of approximately 741,328 kWh per year. This level of clean energy generation creates an environmental benefit equal to the reduction of 922,000 pounds of CO₂ per year.
- **Energy Audits** – Roseville Electric (RE) provides "on-line" and on-site energy audits to residential and commercial electric customers. Based upon the premise that "you can't change what you don't understand"; these audits provide the customers with a report on their present energy use patterns and habits. They also identify opportunities for the customer to change electric usage patterns or purchase more energy efficient appliances and equipment that will reduce their monthly energy bills. Commercial customers can link into the Customer Connection advice available on the Roseville Electric website for more in-depth information. Residential customers can click on the RE-View Energy and Water audit on RosevilleElectric.org.
- **Residential Energy Efficiency Programs** – RE's Residential Energy Efficiency Programs for new and existing homes offer rebates, educational materials and technical assistance designed to help customers use electricity more efficiently. Customers benefit from reduced electric bills and by reducing emissions due to reduced power consumption. Programs focus on rebates for new window upgrades, energy efficient appliances, better insulation, and high efficiency air conditioners and heat pumps. For the new home market, Roseville Electric offers award winning programs. Via development agreements, all new construction requires air conditions that exceed state energy efficiency requirements. Preferred Homes provides rebates to builders who construct energy efficient homes. The annual goal is 1000 new homes per year. The BEST Homes program takes an additional step by adding electricity producing solar electric panels, Energy Star appliances and shade trees to the Preferred Homes requirements. Goals are to include 30% of all new homes in Roseville in one of these programs. Over the next 25 years, the result will be a reduction in further emissions of CO₂ by 62,000 ton lbs. additionally; this is equivalent to planting 22,000,000 trees over the next 25 years.
- **Energy Efficiency Programs for Low Income Residents** – Loans, grants and the Handyperson Program provide financial assistance to low income residents and can be used to improve the energy efficiency of a home. These programs are funded through Federal and State programs for low income residents and administered by the Roseville's Housing Division.
- **Commercial Energy Efficiency Programs** – Roseville Electric's Commercial Retrofit Energy Efficiency Rebate Program helps new and existing businesses save energy and money and reduce

summer peak electric consumption. Reductions in summer peak demand reduce greenhouse gases and save ratepayers money. RE offers rebates to assist with reduction of first cost expenditures for energy efficiency upgrades in equipment. Rebates are available for HVAC, lighting, chillers, and are part of a customized approach that allows the customer to create their own energy efficiency measure. In the new construction market, cash rebates are available to architects, engineers, and owners who build at a minimum of 10 percent beyond Title 24 requirements.

- **Alternatively Fueled Vehicles** – Highway vehicles are a major contributor to air pollution in the U.S., producing 29-63% of key chemicals that cause smog and health problems. www.fueleconomy.gov. U.S. Dept. of Energy.
 - **Carbon monoxide (CO)** – 63%
 - **Nitrogen oxides (NO_x)** – 36%
 - **Hydro-carbons** – 29%

Hybrid-electric vehicles combine the benefits of gasoline engines and electric motors to reduce reliance on fossil fuels and provide up to a 50% reduction in emissions. The Roseville Electric fleet of vehicles includes 4 hybrid fuel vehicles. All new staff cars will be hybrid. The use of hybrid vehicles in the City's fleet will substantially reduce GHG emissions. According to the City's Draft Municipal climate Action Plan, it is estimated that the City's Fleet Program will save approximately 55,000 gallons of fuel a year which would equate to approximately 500 tons of CO₂ emissions avoided.

- **Electric Vehicle Charging Stations** – Electric vehicles are energy efficient, environmentally friendly and are not dependent on gasoline. Electric vehicles are limited in driving range and can take from 4 to 8 hours to recharge. (www.fueleconomy.gov) Roseville Electric supports Electric Vehicle (EV) owners in the Roseville community, and others, by maintaining 3 electric vehicle charging stations in Roseville; one in the Galleria, one on Oak Street and one in the Amtrak parking lot on Church Street. These charging stations are promoted through the Electric Vehicle Enthusiast online news site, *EV Charger News*.
- **Sustainability Plan** – The City of Roseville accepted by resolution the City of Roseville Communitywide Sustainability Action Plan on February, 1 2012. The plan establishes the City's baseline estimated total Greenhouse Gas emissions as well as targets for reducing those emissions.

Although most of these City measures do not apply directly to the Project, they are relevant to the cumulative citywide context, in which the City is actively working to reduce its own GHG emissions. Thus, project-generated GHG emissions would not conflict with, and are consistent with, the State goals listed in AB32 and policies and regulations adopted by the California Air Resources Board pursuant to AB32. This impact is considered less than significant.

IV. Biological Resources

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or		X		

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		X		
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?		X		
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X	
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?			X	

Discussion of Checklist Answers:

The project site is primarily rolling grasslands with a single ephemeral drainage swale that traverses the property in the northern portion of the site. No trees currently exist on the site. There are several other wetland features including vernal pools, seasonal wetlands and a seasonal wetland swale on the property. A Wetland Delineation was prepared by ECORP Consulting in 2005 and a Biological Assessment (BA) was prepared in 2006 which identified these features and also detailed the effects on special status species with implementation of the project. The BA was prepared to support the application to the US Army Corps of Engineers to fill the wetland features on the site. Surveys conducted at the project site found no special status species present. On June 27, 2012 ECORP performed a special status species assessment to assess the potential for the occurrence of special status plant and wildlife species or their habitat to occur on the project site. (Attachment 2)

Wetlands

The project involves minor grading activities that will fill wetlands on the site. The special status species surveys that were conducted did identify potential habitat was present onsite for vernal pool crustaceans. Grading activities will impact wetland features and the applicant is proposing to mitigate those impacts through the purchase of off-site wetland credits.

The City's General Plan Implementation Measures for wetland resources (pg.V-22) require avoidance as a first priority, with compensation or mitigation implemented when avoidance is not feasible. The measures also identify no net loss of wetland acreage, values, or function. The project will provide wetland mitigation as required by the US Army Corps of Engineers. With the proposed mitigation the project will not conflict with local policies regarding protection of biological resources.

Implementation of the mitigation measure (MM1) listed below by the Foothills Corporate Center grading project would ensure that permits are obtained from federal agencies and adherence to the permit would further ensure that the project will result in "no net loss" of wetlands/waters, and that discharge into the waters is regulated. Therefore, with mitigation measures, impacts to wetlands/waters and associated vernal pool/loss of associated rare plants are considered less than significant with mitigation.

MM1: Prior to grading permit the project shall obtain an Army Corps of Engineers wetland fill or discharge "Section 404" permit. The project will be required to purchase credits in an approved wetland mitigation fund or other mitigation required by the 404 permit to ensure no net loss of wetlands.

Special Status Wildlife

Several special-status wildlife species are known to occur or potentially occur within the project site (Western spadefoot, Swainson's hawk, Burrowing owl, and other legally protected raptors). As was mentioned above, the applicant has previously completed a Biological Assessment and completed consultation with the United States Fish and Wildlife Service (USFWS) for the impact of a previous project on vernal pool crustaceans. This BA found that the site contained suitable habitat for these species. In addition the loss of vegetation could destroy foraging and nesting habitat for bird species. Therefore, consistent with the mitigation measure listed below, pre-construction surveys shall be conducted to confirm the presence or absence of special status wildlife. With the mitigation measure the impact is considered less than significant.

MM2: Prior to project construction special status species surveys shall be conducted to establish the presence/absence of these species on the site. These studies shall be conducted via the appropriate federal and state protocols.

V. Cultural Resources

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse			X	

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
change in the significance of a historic resource as defined in Section 15064.5?				
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?			X	
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X	
d) Disturb any human remains, including those interred outside of formal cemeteries?		X		

Discussion of Checklist Answers:

The project will involve grading activities that includes 130,000 cubic yards of balanced cut and fill earthwork. CEQA Guidelines Section 15064.5, subdivision (e), requires that excavation activities be stopped whenever potential resources are uncovered. Should human remains be found, the county coroner shall be called in to assess the remains. If the county coroner determines that the remains are those of Native Americans, the Native American Heritage Commission must be contacted within 24 hours. At that time, the lead agency must consult with the appropriate Native Americans, if any, as timely identified by the Native American Heritage Commission. Section 15064.5 directs the lead agency (or applicant), under certain circumstances, to develop an agreement with the Native Americans for the treatment and disposition of the remains. If archaeological artifacts are found, work shall cease and a qualified archaeologist shall be called in. As with archaeological artifacts, the site could contain unique types of invertebrate (marine), plant, or vertebrate fossils or other resources of paleontological value. These resources could be damaged or destroyed during site preparation. Therefore, should any fossils be discovered during excavation or grading, all work shall cease and would not be permitted to resume until a qualified paleontologist is retained to review the find, and the paleontologist's recommendation for recordation and, if appropriate, preservation of the find have been implemented. Therefore, with the following mitigation measure, the project will have a less than significant impact on cultural resources.

Implementation of the mitigation measure (MM3) listed below by the Foothills Commerce Center Grading project would ensure that should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains, be encountered during any subsurface development activities, work shall be suspended within 100-feet of the find. Therefore, with the mitigation measure, impacts to cultural resources are considered less than significant with mitigation.

MM3: In the event of the discovery of buried paleontological, archaeological or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's office shall be contacted immediately. The corner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.

VI. Geology and Soils

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:			X	
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)			X	
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?			X	
iv) Landslides?			X	
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X

Discussion of Checklist Answers:

a) The project will not expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides.

i-iii) The project site is located in Roseville, which is within Placer County. The California Department of Mines and Geology classifies the South Placer area as a low severity earthquake zone. No active faults are known to exist within the County. The project site is considered to have low seismic risk with respect to faulting, ground shaking, seismically

related ground failure and liquefaction. Therefore, less than significant impacts would occur in association with rupture of a known earthquake fault or seismic related ground failure.

- iv) Landslides typically occur where soils on steep slopes become saturated or where natural or manmade conditions have taken away supporting structures and vegetation. The existing and proposed slopes are not steep enough to present a hazard during development or upon completion of the project. In addition, during construction, measures would be incorporated to shore slopes and prevent potential earth movement. Therefore, impacts associated with landslides are considered less than significant.

b) Grading activities require a grading permit from the Engineering Division of the Public Works Department. The grading permit will be reviewed for compliance with the City's Improvement Standards, including the provision of proper drainage, appropriate dust control and erosion control measures. Grading and erosion control measures will be incorporated into the required grading plans. A geotechnical study will also be required prior to building permit issuance to more fully address other erosion hazards. As conditioned, the project will be consistent with the City Improvement Standards. Therefore, the impacts associated with disruption, displacement, and compaction of soils associated with the development is considered less than significant.

c-d) As noted above, the project site is not located in a sensitive geologic area and does not expose people to potential geologic impacts. Additionally, such impacts are considered to be less than significant since new buildings and structures are required to comply with all applicable building codes.

e) No septic tanks are proposed as part of the project.

VII. Hazards and Hazardous Materials

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section				X

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
65962.5 and, as a result, would it create a significant hazard to the public or the environment?				
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?			X	

Discussion of Checklist Answers:

a-c) The project only involves grading activities. The project involves the use of heavy equipment that has the potential to leak or spill toxic substances such as oil, gas and radiator fluid. However the City's Improvement standards will require the contractor to have a spill prevention plan in place, should an accidental spill occur.

d) The project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, and therefore would not create a significant hazard to the public or the environment.

e-f) The project site is not located within an airport land use plan or within two miles of a public or private airport or airstrip.

g) This project is located within an area currently receiving City emergency services. Fire Station 8 is located less than half a mile from the property and would be able to serve the site within the City's standard response time. The project will not increase the demand for emergency services and therefore will have a less than significant impact to the City's Emergency Response or Management Plans.

h) The project site is surrounded by existing and planned urban development. The project does not include residential development. The property owner performs annual weed abatement per the City's weed abatement ordinance. These weed control measures reduce the potential occurrence of wildfires in the vicinity of the project site.

VIII. Hydrology and Water Quality

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?			X	
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?			X	
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?			X	
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted water?			X	
f) Otherwise substantially degrade water quality?			X	
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?				X
i) Expose people or structures to a				X

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				
j) Inundation by seiche, tsunami, or mudflow?				X

Discussion of Checklist Answers:

Prior to the approval of the Improvement Plans, the developer shall prepare and submit a Storm Water Pollution Prevention Plan (SWPPP) to the City, as defined by the Regional Water Quality Control Board, to ensure that the project will not result in the release of materials that will affect water quality. The SWPP shall include, but not be limited to, best management practices (BMP's) like erosion controls with hydro-seeding and mulching, and sediment control with fiber rolls and sediment basins. Additionally a grading permit, with BMP measures for dust control, will be required before construction starts. There may be minor amounts of wind and/or water erosion associated with construction. The uniformly applied BMP standard erosion control measures will be required during construction. With implementation of a grading permit and associated best management practices to address water quality, impacts to water quality are considered less than significant.

The City evaluated the potential impacts related to increased runoff in the General Plan EIR. The General Plan EIR assumed full build-out of the site and other properties in the City and evaluated downstream flooding impacts resulting from increased surface water runoff. The General Plan EIR found that, with the implementation of City standards and programs, the potential flooding impacts would be less than significant. No new information available subsequent to certification of the General Plan EIR has called that conclusion into question. Based on the above information, the impacts associated with water quality are less than significant.

IX. Land Use and Planning

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation				X

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
plan?				

Discussion of Checklist Answers:

The majority of the site's General Plan land use designation is Light Industrial (LI); the zone district designation is also Light Industrial (M1). There is a portion of the site that has a land use and zoning designation of Neighborhood Commercial (NC). The project will include grading activities on the site. The City's General Plan does contain policies designed to avoid the loss of wetland areas. However the project will incorporate mitigation measures designed to compensate for the loss of wetlands.

There are no Habitat Conservation Plans or Natural Community Conservation Plans covering the project site. Future development of the site is expected to be in accordance with the Light Industrial land use and zoning designations for the site. The project will have no impact on land use and planning efforts.

X. Mineral Resources

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

Discussion of Checklist Answers:

a-b) The California Department of Geology survey lists the project site as being located within the MRZ-1 zone, indicating that significant mineral resources are not likely to be located in this area. Because the project site is not known to include any mineral resources that would be of local, regional, or statewide importance, the project is not considered to have any impacts on mineral resources.

XI. Noise

Would the project result in:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?			X	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

Discussion of Checklist Answers:

Short term impacts from grading activities could expose nearby tenants/landowners to increased noise levels. The closest sensitive receptors are approximately 1,700 feet from the project site. These impacts would be temporary and are considered less than significant since noise levels and construction hours are limited by the City's Municipal Code to daytime hours (7:00 a.m. to 7:00 p.m., Monday through Friday, and 8:00a.m. to 8:00 p.m., Saturday, Sunday and holidays). In addition, the City's Public Works Department requires all construction equipment to be fitted with factory installed muffling and noise attenuation equipment.

XII. Population and Housing

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
----------------------------	---------------------------------------	--	-------------------------------------	------------------

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

Discussion of Checklist Answers:

The proposal is not a housing-related project, does not induce growth beyond that anticipated in the General Plan EIR and does not displace any existing housing. Therefore, there is no change from the impacts addressed in the General Plan EIR, and the impact is considered less than significant.

XIII. Public Services

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Fire protection?			X	
b) Police protection?			X	
c) Schools?			X	
d) Parks?			X	
e) Other public facilities?			X	

Discussion of Checklist Answers:

The General Plan EIR identifies and adopts mitigation for impacts to public services, including police and fire protection, wastewater services, and solid waste disposal. The proposed project will not increase the need for public services and utilities beyond that identified in the General Plan EIR, and the impact is considered less than significant.

XIV. Recreation

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?			X	
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	

Discussion of Checklist Answers:

The proposed project will only involve grading activities and will not increase park usage in the area of the project. However adequate facilities are located within the project area and the project does not require any additional facilities. Therefore, the project will not impact the existing and planned park facilities.

XV. Transportation/Traffic

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Cause an increase in traffic, which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume-to-capacity ratio on roads, or congestion at intersections)?			X	
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads and highways?			X	
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards			X	

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
due to a design features (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				
e) Result in inadequate emergency access?			X	
f) Result in inadequate parking capacity?			X	
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?			X	

Discussion of Checklist Answers:

The project will only involve minor grading activities and no development of the site is anticipated at this time. It is expected short term traffic impacts will be minor with grading equipment to be brought to the site from Foothills BI. Traffic and transportation impacts from the project are consistent with the impacts analyzed in the General Plan EIR, and the impact is less than significant.

XVI. Utilities and Service Systems

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?				X
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X
g) Comply with federal, state, and local statutes and regulations related to solid waste?				X

Discussion of Checklist Answers:

The project consists of minor grading activities and will not have an impact on utilities.

XVII. Mandatory Findings of Significance

Environmental Issue	Potentially Significant	Potentially Significant Unless Mitigated	Less Than Significant	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?			X	
b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of			X	

Environmental Issue	Potentially Significant	Potentially Significant Unless Mitigated	Less Than Significant	No Impact
other current projects, and the effects of probable future projects).				
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	

Discussion of Checklist Answers:

Long term environmental goals are not impacted by the proposed project. The cumulative impacts do not deviate beyond what was contemplated by the General Plan EIR. With implementation of the proposed mitigation measures the project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species nor create adverse effects on human beings.

ENVIRONMENTAL DETERMINATION:

As shown in the checklist prepared as part of this Initial Study, City staff has not identified any impacts that are not peculiar to the parcel that cannot be mitigated to less than significant levels, whether offsite or cumulative in nature, and the City's Mitigating Policies and Standards, have been undertaken.

On the basis of this initial evaluation:

[X] I find that the proposed project COULD, but with mitigation agreed to by the applicant clearly will not, have a significant effect on the environment and a MITIGATED NEGATIVE DECLARATION will be prepared.

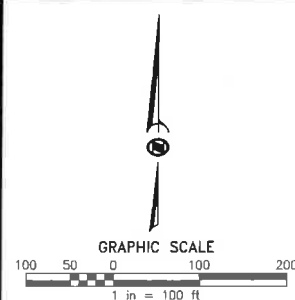
Initial Study Prepared by:



Derek Ogden, Associate Planner
City of Roseville Planning & Housing Department

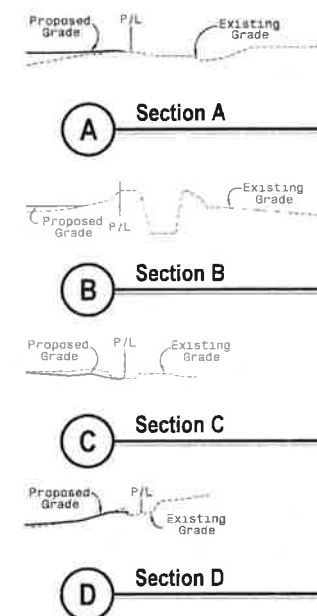
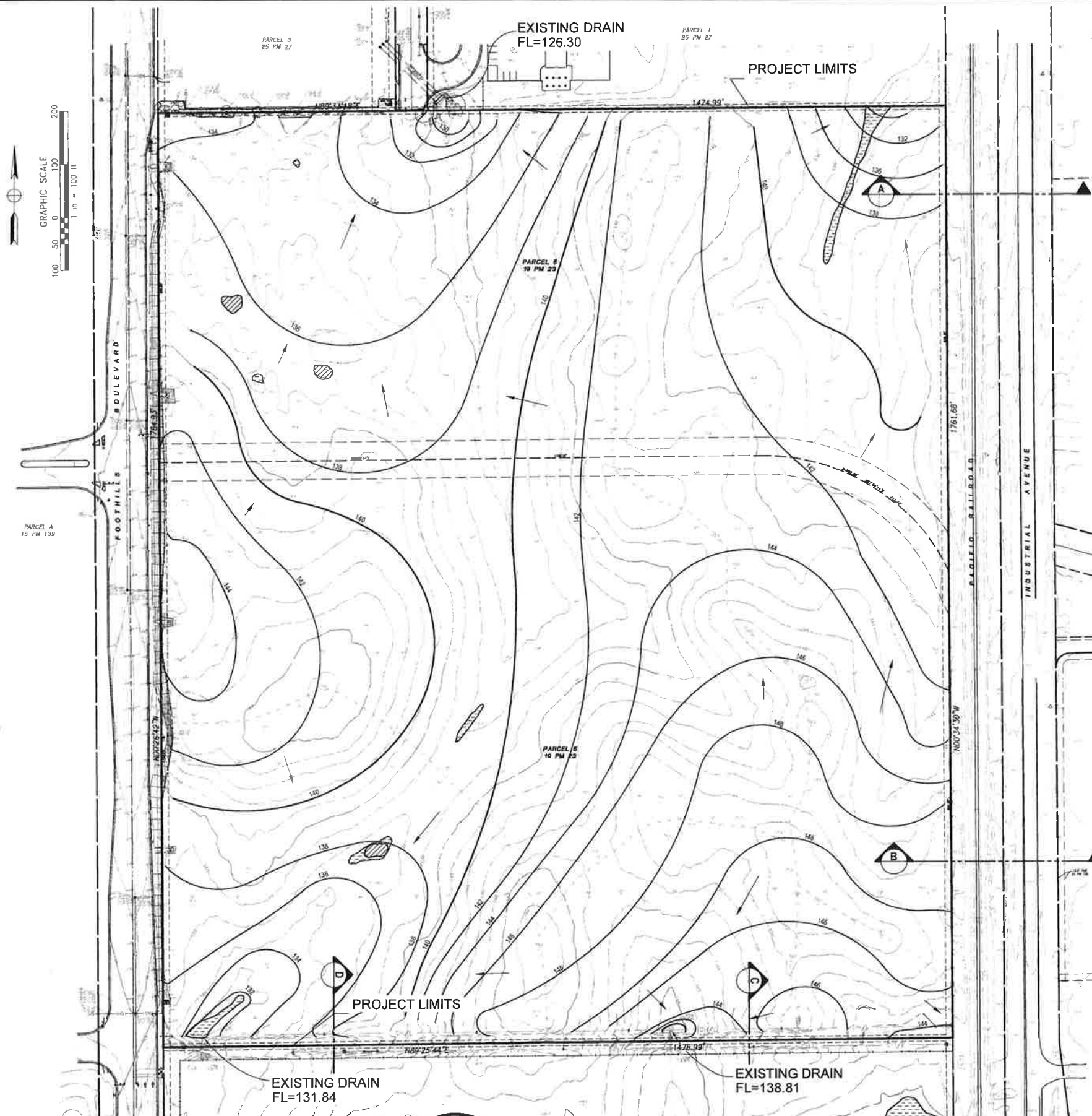
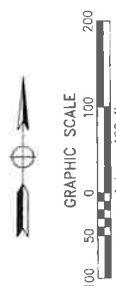
Attachments:

1. Project Grading Plan
2. ECORP Summary



EXISTING	DESCRIPTION
	STORM DRAIN PIPE & SIZE
	SANITARY SEWER PIPE & SIZE
	DOMESTIC WATER PIPE & SIZE
	FIRE PROTECTION WATER PIPE & SIZE
	NATURAL GAS PIPE & SIZE
	CATV, TEL, ELEC, OR JOINT TRENCH
	MANHOLE
	DRAIN INLET
	CLEANOUT
	VALVE
	FIRE HYDRANT
	BLOW OFF VALVE
	RIDGE OR GRADE BREAK
	FLOWLINE OF SWALE
	FENCE

AB	AGGREGATE BASE	LT	LEFT
AC	ASPHALTIC CONCRETE OR ACRIC	MAX	MAXIMUM
BC	BEGIN HORIZONTAL CURVE	MH	MANHOLE
BLDG	BUILDING	MIN	MINIMUM
BM	BENCH MARK	NTS	NOT TO SCALE
BW	BOTTOM OF WALL	OH	OVERHEAD
BSBL	BUILDINGS SET BACK LINE	PB	PULL BOX
C&G	CURB AND GUTTER	PCC	POINT OF COMPOUND CURVE
CG	CURB, GUTTER AND SIDEWALK	PI	POINT OF INTERSECTION
CONC	CONCRETE	PL R	PROPERTY LINE
CL C	CENTERLINE	PP	POWER POLE
CO	CLEANOUT OR COUNTY	PRC	POINT OF REVERSE CURVE
CONST	CONSTRUCT	PT	POINT OF TANGENCY
COTG	CLEANOUT TO GRADE	PUE	PUBLIC UTILITY EASEMENT
CR	CURB RETURN	PVMT	PAVEMENT
△	INCLUDED ANGLE	R	RADIUS OR RIDGE
D	STORM DRAIN	RAD	RADIAL
DI	DRAIN INLET	RP	REDUCED PRESSURE BACKFLOW PREVENTER
DIA Ø	DIAMETER	RT	RIGHT
DIP	DUCTILE IRON PIPE	RAW	RIGHT OF WAY
DWH	STORM DRAIN MANHOLE	S	SLOPE OR SEWER
DTL	DETAIL	SD	STORM DRAIN
DWG	DRAWINGS	SMH	SEWER MANHOLE
DRW	DRIVEWAY	SS	SANITARY SEWER
(E) EXIST	EXISTING	STA	STATION
EC	END HORIZONTAL CURVE	STD	STANDARD
EP	EDGE OF PAVEMENT	SW	SIDEWALK
ESMT	EASEMENT	TB	TOP OF BANK
FL R	FLOWLINE	TC	TOP OF CURB
G	GAS	TEL	TELEPHONE
GB	GRADE BREAK	TEMP	TEMPORARY
GFL	GUTTER FLOWLINE	TWH	TELEPHONE MANHOLE
GR	INLET GRATE	TP	TELEPHONE POLE
HQL	HYDRAULIC GRADE LINE	TRANS	TRANSITION
INTX	INTERSECTION	TS	TRAFFIC SIGNAL
INV	PIPE INVERT	TW	TOP OF WALL
IRR	IRRIGATION	TYP	TYPICAL
L	LENGTH	UG	UNDERGROUND
LIP	EDGE OF GUTTER PAN	W	WATER
LSCP	LANDSCAPE	WS	WATER SERVICE



OWNER/DEVELOPER
COASTAL PARTNERS, LLC
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ROSEVILLE, CA 95661
(916) 773-0550

ENGINEER
MORTON & PITALO INC.
75 IRON POINT CIR., SUITE 120
FOLSOM, CA 95630
(916) 984-7621

ASSESSOR'S PARCEL NUMBERS
017-230-014 & 15

AREA
59.8± AC.

EXISTING ZONING
NC AND M-1

EXISTING GENERAL PLAN
NEIGHBORHOOD COMMERCIAL (NC)
LIGHT INDUSTRIAL (LI)

EXISTING SPECIFIC PLAN
NEIGHBORHOOD COMMERCIAL (NC)
LIGHT INDUSTRIAL (LI)

GAS
PACIFIC GAS & ELECTRIC

TELEPHONE
SUREWEST TELEPHONE

SCHOOL DISTRICT
ROSEVILLE CITY ELEMENTARY
SCHOOL DIST.
ROSEVILLE HIGH SCHOOL DIST.

CITY OF ROSEVILLE
STORM DRAINAGE
SANITARY SEWER
WATER
ELECTRICITY
PARKS & RECREATION
FIRE PROTECTION
POLICE PROTECTION

EARTHWORK QUANTITIES:
CUT: 130,000 C.Y.
FILL: 130,000 C.Y.
NET: 0 C.Y.

REVISIONS	▲						SCALE:
	▲						HORIZ. 1" = 100'
	▲						
	▲						
	▲						
	NO.	DESCRIPTION	APPROVED	DATE	APPROVED	DATE	VERT. 1" = N/A

BENCH MARK	
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100	100

COMPUTED	
DESIGNED	GJB
DRAWN	
PROJ. ENGR.	GJB



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PRELIMINARY GRADING PLAN

FOOTHILL BLVD - 60 ACRES
PARCELS 5 & 6 PER PARCEL MAP, 19 PM 23
FOR THE PURPOSE OF WETLAND GRADING

DATE	AUGUST 2012
SHEET	1
OF	1

Special-Status Species Assessment
For
Foothills Corporate Center
Placer County, California

29 June 2012

Prepared For:
Coastal Partners, LLC



CONTENTS

Special-Status Species Assessment

Foothills Corporate Center

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Attachment A – California Natural Diversity Database (CNDDDB) Occurrences for the Roseville, California 7.5-minute Quadrangle	
Attachment B – USFWS Query of Listed Species: Roseville Quad	

INTRODUCTION

On behalf of Coastal Partners, LLC., ECORP Consulting, Inc.(ECORP) has conducted a special-status species assessment of the 60±-acre Foothills Corporate Center site, located south of Blue Oaks Boulevard, east of Foothills Boulevard, and west of Industrial Avenue in Placer County, California (Figure 1. *Project Site and Vicinity*). The site corresponds to a portion of Section 21, Township 11 North, and Range 6 East (MDBM) of the "Roseville, California" 7.5-minute quadrangle (U.S. Department of the Interior, Geological Survey, 1992). The approximate center of the site is located at 38° 47' 15" North and 121° 18' 35" West within the Lower Sacramento River Watershed (HUC #18020109, U.S. Department of the Interior, Geological Survey, 1978).

The purpose of this special-status species assessment is to assess the potential for the occurrence of special-status plant and wildlife species or their habitat within the project site. The conclusions presented in this report are based upon previous work conducted by ECORP, and limited site reconnaissance conducted 27 June, 2012. A formal survey was performed for special-status plants in 2006 (ECORP 2006) and the results of that report are incorporated herein for reference only. Similarly, a wetland delineation was performed by ECORP Consulting Inc. in 2005 (ECORP 2005) and verified by the Army Corps of Engineers (ACOE) in 2006. The ACOE verification expired in March 2011. A Biological Assessment for federally listed species was prepared for the site and submitted to U.S. Fish and Wildlife Service (USFWS) on June 16, 2006. A subsequent Biological Opinion issued by USFWS on August 15, 2006 (USFWS 2006) determined that two species, vernal pool fairy shrimp (*Branchinecta lynchi*) and vernal pool tadpole shrimp (*Lepidurus packardii*), would likely be adversely affected by the project.

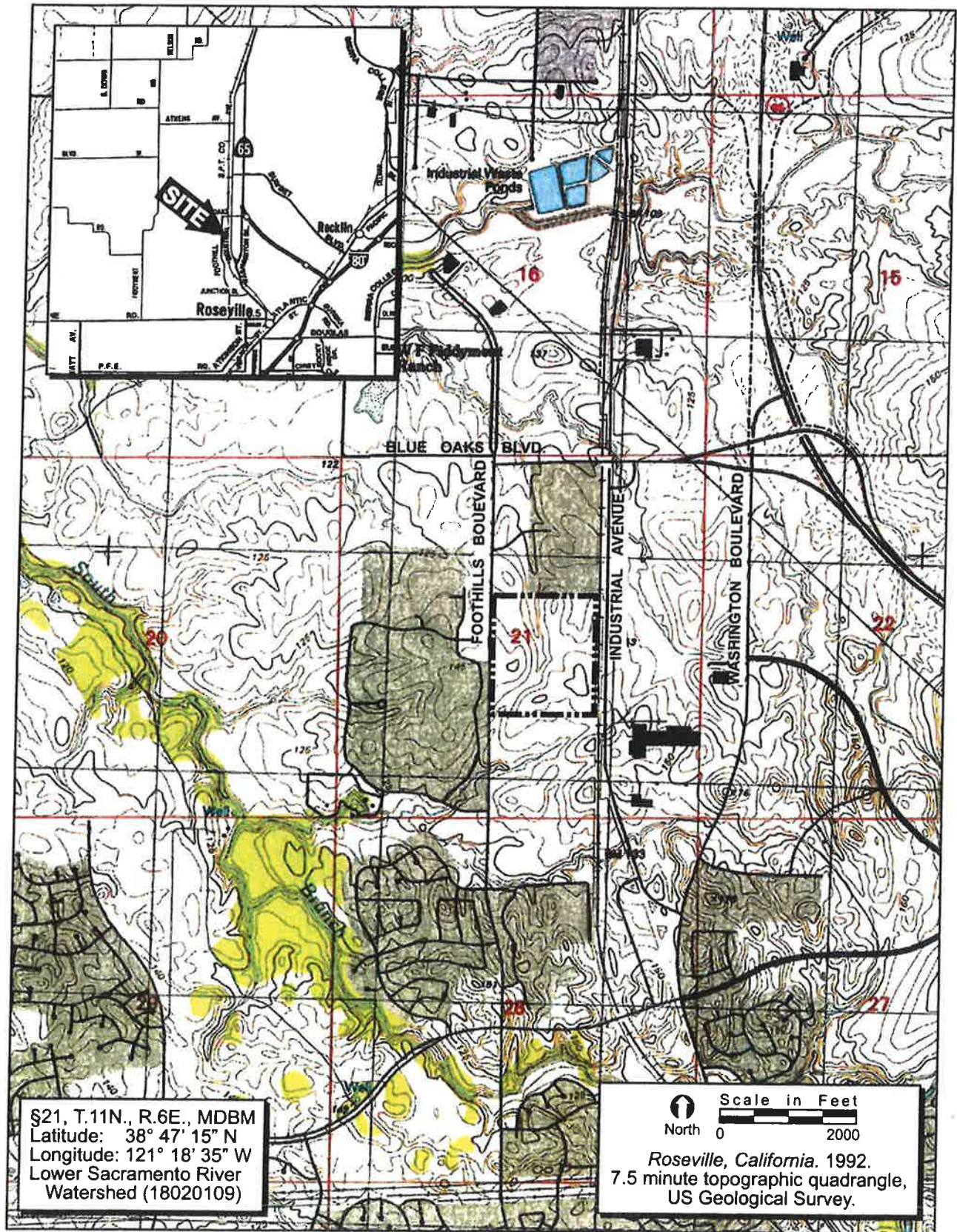


Figure 1. Project Site and Vicinity

Foothills Corporate Center

Special-Status Species Assessment

For the purposes of this assessment, "special-status species" refers to those plant and animal species which:

- Are listed, proposed for listing, or candidates for future listing as threatened or endangered under the federal Endangered Species Act;
- Are listed or candidates for future listing as threatened or endangered under the California Endangered Species Act;
- Meet the definitions of endangered or rare under Section 15380 of the CEQA Guidelines;
- Are identified as a species of special concern by the California Department of Fish and Game (CDFG);
- Plants considered by the California Native Plant Society (CNPS) to be "rare, threatened, or endangered in California" (Lists 1B and 2);
- Plants listed as rare under the California Native Plant Protection Act (Fish and Game Code of California, Section 1900 et seq.); or
- Fully protected in California in accordance with the Fish and Game Code of California, Sections 3511 (birds), 4700 (mammals), 5050 (amphibians and reptiles), and 5515 (fishes).

Background information was collected on the potential existence of the special-status species within or near the project site from a variety of sources including:

- California Department of Fish and Game's Natural Diversity Database (CNDDB) record search for the "Roseville" 7.5-minute quadrangles (CDFG 2003);
- Species List for the "Roseville, California" 7.5-minute quadrangle created by the USFWS (USFWS 2012);
- *Status of Rare, Threatened, and Endangered Animal and Plants of California 2000-2004* (CDFG 2005);
- *Inventory of Rare and Endangered Vascular Plants of California* (CNPS 2001);
- *California Bird Species of Special Concern* (Shuford and Gardali 2008);

- *Amphibian and Reptile Species of Special Concern in California* (Jennings and Hayes 1994);
- *Mammalian Species of Special Concern in California* (Williams 1986);
- *California's Wildlife*, Volumes I-III (Zeiner, et al. 1988, 1990a, 1990b); and
- *A Guide to Wildlife Habitats of California* (Mayer and Laudenslayer, eds. 1988).
- *Special-status Plant Survey, Foothills Corporate Center, Placer County (ECORP 2006a)*;
- *Wetland Delineation Map, Foothills Corporate Center. ECORP Consulting, Inc. Dated March 16, 2005 (ECORP 2006b)*

The special-status species assessment included a review of resource agency species lists, tax-specific literature review, California Natural Diversity Database (CNDDB) query, previous surveys conducted for the project, and a reconnaissance-level site visit. Special-status species considered for this site are those that have a reasonable probability of occurring on-site under current conditions. This assessment does not constitute determinate field surveys conducted according to agency-approved protocols.

SITE CONDITIONS

The project area is comprised of gently rolling terrain, and is situated at an elevational range of approximately 130 to 150 feet above mean sea level. The site is currently undeveloped and appears to have been historically used for agriculture and/or livestock grazing. Surrounding land uses include commercial and industrial development to the west, north and east; urban development to the southwest; and undeveloped land to the south. A railroad easement runs along the eastern edge of the property, and an electrical utility line runs along the southern edge together with a two-track access road. The site appears to be regularly mowed and/or disked.

Annual grasslands dominate the plant community throughout the site. Dominant plant species present include non-native grasses such wild oat (*Avena fatua*), medusahead grass (*Elymus caput-medusae*), ripgut brome (*Bromus diandrus*), and mannagrass (*Glyceria declinata*). Other herbaceous species frequently observed include yellow star thistle (*Centaurea solstitialis*), sticky tarweed (*Holocarpha virgata*), Spanish clover (*Lotus purshianus*), cut-leaved geranium

(*Geranium dissectum*), and turkey mullein (*Croton setigerus*). Trees observed on-site consist of a row of ornamental trees (sycamore (*Plananus* sp.) and California redwood (*Sequoia sempervirens*)), one black willow (*Salix gooddingii*), and two Fremont's cottonwoods (*Populus fremontii*) along the northern boundary. All trees appear to occur in off-site locations.

Aquatic features on-site include vernal pools, seasonal wetlands, seasonal wetland swales, and a small ephemeral drainage, comprising approximately 0.284 acre of wetlands (Figure 2. *Wetland Delineation*). Culverts drain the property at the north central boundary and in the southwest corner. According to the *Soil Survey of Placer County, California* (U.S. Department of Agriculture, Soil Conservation Service, 1980), a single soil unit has been mapped within the site (Figure 3. *Natural Resources Conservation Service Soil Types*), (141) Cometa-Fiddymont complex 1-5% slopes. This soil unit does not contain hydric components, but may contain hydric inclusions of Alamo soils in depressions.

A site reconnaissance was conducted on June 27, 2012. The wetland delineation map of the site with a color aerial photograph (1" = 300' scale) background was used for orientation during the field survey. ECORP biologist Eric Stitt walked meandering transects throughout the project area while recording on-site conditions, searching for special-status species, evidence of their presence or use of the area, and/or the occurrence of potential habitat for these species. A disced firebreak had recently been graded along the east, south, and western perimeter, and the rest of the site had recently been mowed.

RESULTS AND DISCUSSION

A list of potentially occurring special-status species was developed for the Foothills Corporate Center site, based on vegetation communities and current conditions observed on-site, known distribution data, and various reference sources (Table 1. Potentially Occurring Special-Status Species).

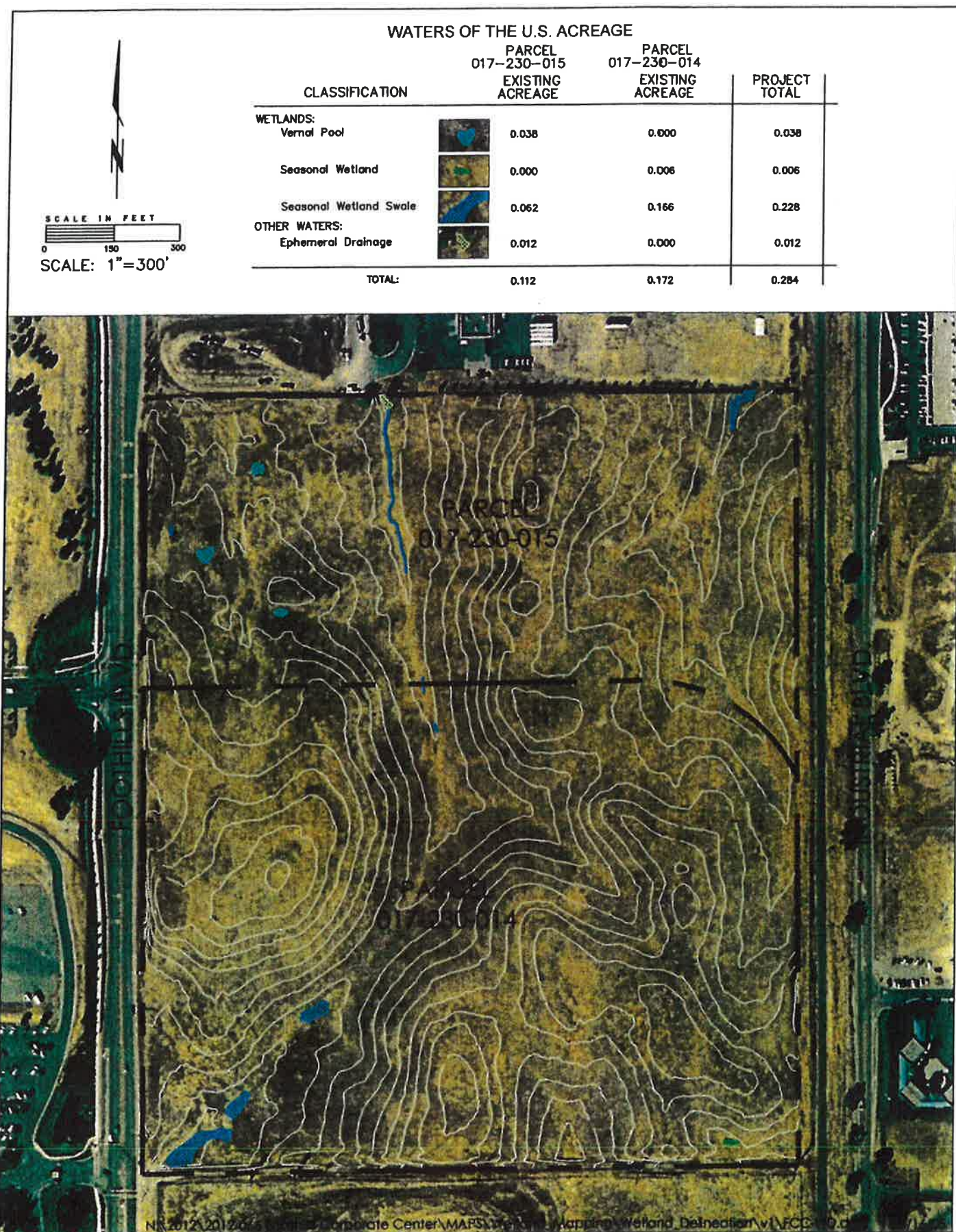


FIGURE 2. Wetland Delineation

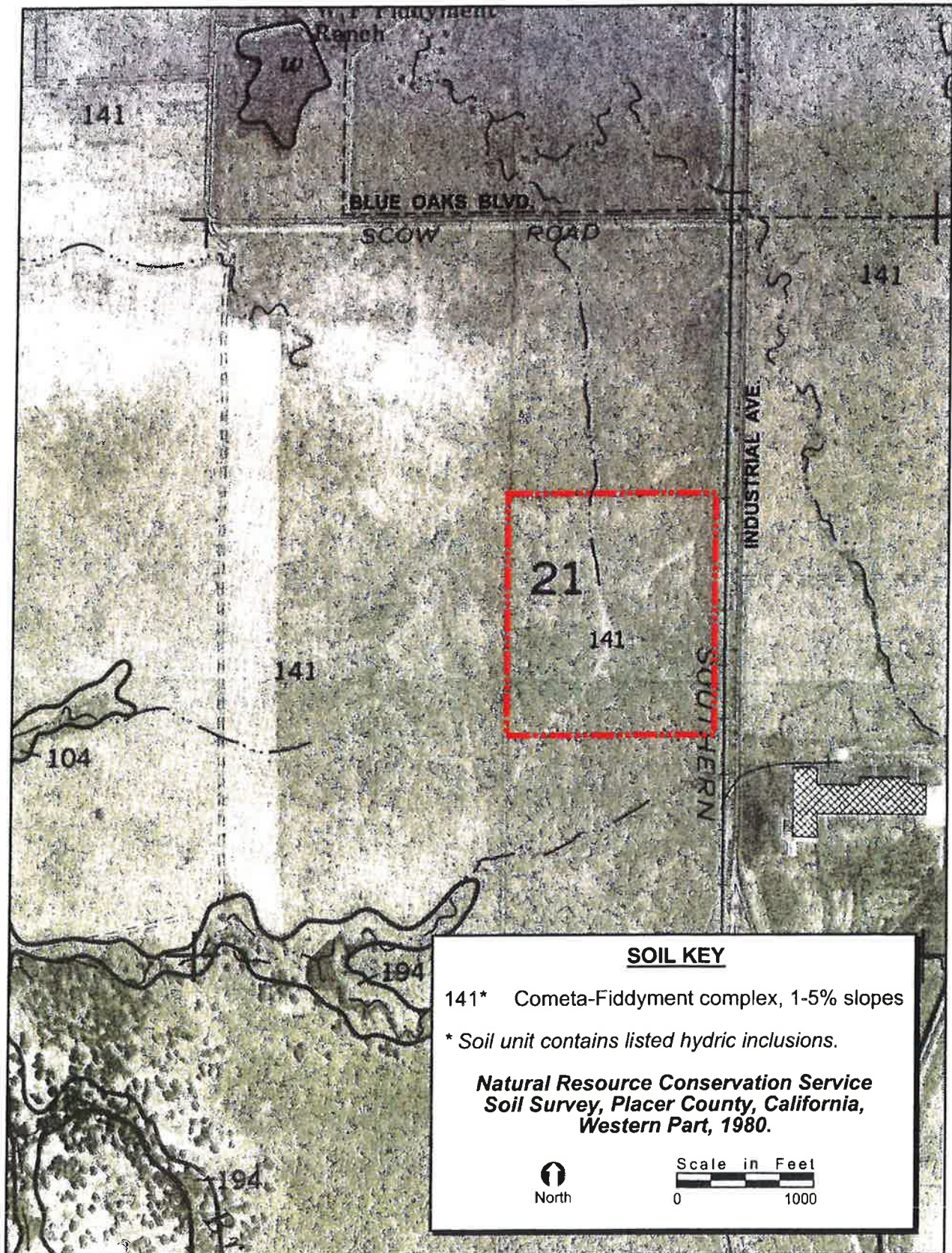


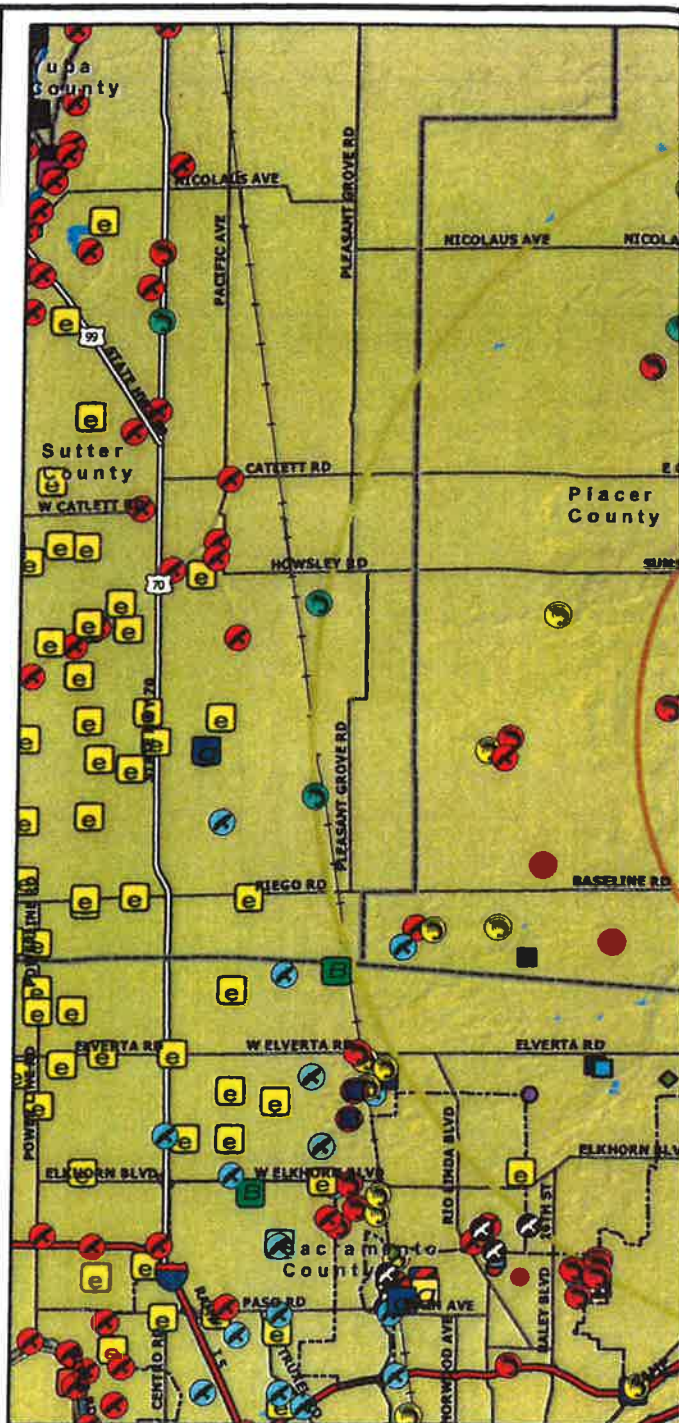
Figure 3. Natural Resource Conservation Service Soil Types

Table 1 - Special-Status Species with Potential to Occur On-Site: Foothills Corporate Center

Common Name Plants	Scientific Name	Federal		California		Habitat Description	Approximate Survey Dates
		ESA Status	Other Status	ESA Status	Other Status		
Ahart's dwarf rush	<i>Juncus leiopermus</i> var. <i>ahartii</i>	*		*	1B	mesic areas in valley and foothill grassland (100' - 3300')	March-May
Big-scale balsamroot	<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	*		*	1B	chaparral, clomontane woodland, and valley and foothill grassland, sometimes on serpentine soils (300' - 5,000')	March-June
Boggs Lake hedge-hyssop	<i>Gratiola heterosepala</i>	*		CE	1B	clay soils in vernal pools and in marshes and swamps on lake margins (30' - 7,790')	April-August
Dwarf downingia	<i>Downingia pusilla</i>	*		*	2	vernal pools and mesic areas in valley and foothill grassland (3' - 1,460')	March-May
Hispid bird's-beak	<i>Cordylanthus mollis</i> ssp. <i>hispidus</i>	*		*	1B	alkaline meadows and seeps, playas, and valley and foothill grassland (3' - 510')	June-September
Legenere	<i>Legenere limosa</i>	*		*	1B	vernal pools (3' - 2,900')	April-June
Pincushion navarretia	<i>Navarretia myrsinifolia</i> ssp. <i>myrsinifolia</i>	*		*	1B	vernal pools, often on acidic soils (65' - 1,080')	May
Sacramento Orcutt grass	<i>Orcuttia viscida</i>	FE		CE	1B	vernal pools (100' - 3300')	April-July
Sanford's arrowhead	<i>Sagittaria sanfordii</i>	*		*	1B	assorted shallow freshwater marshes and swamps (0' - 2,130')	May-October
Slender Orcutt grass	<i>Orcuttia tenuis</i>	FT		CE	1B	vernal pools (115' - 5,775')	May-September
Invertebrates							
Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	FE		*	*	vernal pools/wetlands	November-April
Vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT		*	*	vernal pools/wetlands	November-April
Vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE		*	*	vernal pools/wetlands	November-April
California lindenella	<i>Lindereia occidentalis</i>	*		*	CNDB	vernal pools/wetlands	November-April
Amphibians							
Western spadefoot toad	<i>Spea hammondi</i>	*		*	CSC	vernal pools, wetlands/adjacent grassland	March-May
Birds							
White-tailed kite (nesting)	<i>Elanus leucurus</i>	*		*	CFP	woodland, grassland	March-June
Cooper's hawk (nesting)	<i>Accipiter cooperii</i>	*		*	CNDB	woodland	April-July
Northern harrier (nesting)	<i>Circus cyaneus</i>	*		*	CSC	marsh, grassland	April-September
Swainson's hawk (nesting)	<i>Buteo swainsoni</i>	*		CT	BCC	grassland, riparian	March-August
Ferruginous hawk (wintering)	<i>Buteo regalis</i>	*		*	CNDB	grassland	November-February
Golden eagle (nesting and wintering)	<i>Aquila chrysaetos</i>	*		*	BCC, CFP	grassland	nest (February-August); winter CV (October-February)
Merlin (wintering)	<i>Falco columbarius</i>	*		*	CNDB	woodland, grassland	September-April
Burrowing owl (burrow sites)	<i>Athene cunicularia</i>	*		*	BCC, CSC	grassland	February-August
Loggerhead shrike	<i>Lanius ludovicianus</i>	*		*	BCC, CSC	grassland, woodland	March-July

Status Codes:

- FE - Federal ESA listed, Endangered.
- FT - Federal ESA listed, Threatened.
- PFE - Formerly proposed for Federal ESA listing as Endangered.
- PFT - Formerly proposed for Federal ESA listing as Threatened.
- FPD - Listed under Federal ESA, but formally proposed for delisting.
- Fd - Formerly delisted (delisted species are monitored for 5 years).
- FC - Candidate for Federal ESA listing as Threatened or Endangered.
- NMFS - NOAA/NMFS species of concern.
- BCC - U.S. Fish and Wildlife Service Bird of Conservation Concern (USFWS, 2002).
- CE - California ESA or Native Plant Protection Act listed, Endangered.
- CT - California ESA or Native Plant Protection Act listed, Threatened.
- CR - California ESA or Native Plant Protection Act listed, Rare.
- CC - Candidate for California ESA listing as Endangered or Threatened.
- CFP - Fish and Game Code of California Fully Protected Species (§3511-birds, §4700-mammals, §5050-reptiles/amphibians).
- CSC - California Department of Fish and Game Species of Special Concern (CDFG, updated August 2004).
- 1A - California Native Plant Society/Presumed extinct.
- 1B - California Native Plant Society/Rare or Endangered in California and elsewhere.
- 2 - California Native Plant Society/Rare or Endangered in California, more common elsewhere.
- 4 - California Native Plant Society/Plants of Limited Distribution.
- CNDB - Species that is tracked by CDFG's Natural Diversity Database but does not have any of the above special-status designations otherwise.



Transportation Network

- 1 mile
- 5 mile
- 10 mile
- Interstate
- State Highway
- Roads
- Railroads

Hydrologic Features

- Lakes and Reservoirs
- Rivers

- California linderella
- vernal pool tadpole shrimp
- vernal pool fairy shrimp
- Amphibians
- giant garter snake
- northwestern pond turtle
- western spadefoot toad
- California red-legged frog
- Birds
- Swainson's hawk
- grasshopper sparrow
- California black rail
- merlin
- bald eagle
- Cooper's hawk
- white-tailed kite
- burrowing owl
- osprey
- black-crowned night heron

- double-crested cormorant
- great blue heron
- great egret
- western yellow-billed cuckoo
- bank swallow
- tricolored blackbird
- purple martin
- Mammals
- pallid bat
- Townsend's big-eared bat
- silver-haired bat
- Insects
- vernal pool andrenid bee
- Sacramento Valley tiger beetle
- valley elderberry longhorn beetle
- Ricksecker's water scavenger beetle
- Antioch Dunes anthicid beetle
- Sacramento anthicid beetle

NOTES

- ¹ Project Boundary: ECORP CAD Wetland Delineation
 - ² CDFG California Natural Diversity Database (CNDDB), June 2012 Update
- Map Projection: California State Plane Zone II (NAD83) feet

FOOTHILLS CORPORATE CENTER

CNDDB Special-Status Species Map

Map Name: FoothillsCorp_CNDDB.mxd	Project Manager: JOHNSONC
Revision: 6/25/2012	GIS Specialist: JDS
Scale: 1" = 3 miles	

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There are no previously documented occurrences of special-status species within the project site (CDFG 2003). However, several special-status species have been documented within 10 miles of the project site (Figure 4, Attachment A). Ten special-status plant species have the potential to occur (Table 1). Big-scale balsamroot (*Balsamorhiza macrolepis* var. *macrolepis*), hispid bird's beak (*Cordylanthus mollis* ssp. *hispidus*), dwarf downingia (*Downingia pusilla*), Boggs Lake hedge-hyssop (*Gratiola heterosepala*), Ahart's dwarf rush (*Juncus leiospermus* var. *ahartii*), legenere (*Legenere limosa*), pincushion navarretia (*Navarretia myersii* ssp. *myersii*),

slender Orcutt grass (*Orcuttia tenuis*), Sacramento Orcutt grass (*Orcuttia viscida*), and Sanford's arrowhead (*Sagittaria sanfordii*) are rare plants of valley and foothill grasslands, most of which occur in vernal pools and other ephemeral wetlands. Big-scale balsamroot (a CNPS List 1B species) and dwarf downingia (CNPS List 2 species) have been documented from sites within one mile of the proposed project, and big-scale balsamroot, Boggs Lake hedge-hyssop, hispid bird's beak, and legenere have been found within five miles of the project. No rare plants were observed during May and June 2006 protocol-level rare plant surveys (ECORP 2006).

Two federally listed branchiopod species, vernal pool tadpole shrimp (*Lepidurus packardii*-federally endangered) and vernal pool fairy shrimp (*Branchinecta lynchi*-federally threatened), have been documented from vernal pools within five miles of the site, and California linderiella (*Linderiella occidentalis*, tracked by CDFG in their CNDDDB but which has no regulatory status), has also been reported from the nearby vicinity. There are three records for vernal pool fairy shrimp from within one mile of the proposed project site and one record for the federally endangered vernal pool tadpole shrimp from 1.2 miles southwest of the site. Determinate-level field surveys conducted according to the *Interim Survey Guidelines to Permittees for Recovery Permits Under Section 10(a)(1)(A) of the Endangered Species Act for the Listed Vernal Pool Branchiopods* (USFWS 1996a) would be necessary to establish the presence/absence of vernal pool branchiopods on-site. Previously, a Section 404 permit was obtained and consultation with USFWS was completed, resulting in a Biological Opinion for the project. However, the permits have expired and a new Nationwide permit will need to be obtained.

Five records exist for valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*-federally threatened) within 10 miles of the project boundaries. However, elderberry shrubs (*Sambucus mexicanus*), the obligate host tree for this species, do not presently occur on the project site, and the elderberry longhorn beetle is considered highly unlikely due to the absence of suitable habitat.

Among amphibians, there are four documented occurrences of western spadefoot toad (*Spea hammondi*), considered a species of special concern by CDFG, within five miles of the site. Western spadefoots are a vernal-pool breeding amphibian which generally uses longer-duration pools and ephemeral drainages in which to breed. Suitable habitat does not appear to be present on-site, although the Lead Agency may request surveys to verify their absence.

Numerous special-status birds have been documented from near the project site. The lack of trees and permanent water, combined with the industrial/commercial nature of surrounding lands, render the site unsuitable for nesting by most bird species. Ornamental trees along the north edge may provide nesting habitat for birds such as Cooper's hawk (*Accipiter cooperii*), white-tailed kite (*Elanus leucurus*), and loggerhead shrike (*Lanius ludovicianus*). Northern harrier (*Circus cyaneus*) may nest in the grassland community on-site. Further, the site may provide foraging habitat for the state-threatened Swainson's hawk (*Buteo swainsoni*), and as such, may require mitigation by CDFG. Other potentially occurring special-status birds include wintering species, such as ferruginous hawk (*Buteo regalis*), golden eagle (*Aquila chrysaetos*), and merlin (*Falco columbarius*).

The open, rolling topography on-site favors western burrowing owls (*Athene cunicularia*-California species of special concern, USFWS bird of conservation concern), which is a ground nesting owl that tends to inhabit edge areas in grasslands and disturbed areas, particularly (but not exclusively) where California ground squirrels (*Otospermophilus beecheyi*) are common. Two CNDDDB records exist for this species within five miles of the site, but no sign of burrowing owls or California ground squirrels were noted during the site visit. Burrowing owls are not listed or protected under either the State or Federal Endangered Species Acts, but the species is considered during the CEQA review process. Determinate-level field surveys conducted

according to the *Staff Report on Burrowing Owl Mitigation* (CDFG 2012) would be necessary to establish the presence/absence of burrowing owls on-site.

It is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by California Fish and Game Code (Code) § 3503. In addition, all raptors or birds of prey (owls, hawks, falcons) including common species, and their nests, are protected from take pursuant to §3503.5 of the Code. In accordance with this code, it is unlawful to take, possess, or destroy any birds in the order Falconiformes or Strigiformes or to take, possess, or destroy the nest or eggs of any such birds.

Take of ground- or tree-nesting birds can be avoided through timing construction activities to avoid the nesting season or by conducting pre-construction surveys and implementing appropriate avoidance measures in the event an active nest is located. If construction or tree removal is to occur between February 1 and August 31, a qualified biologist shall conduct pre-construction nesting bird surveys of all potential nest sites within a 500 foot (150 meter) radius of the project site. Surveys shall be conducted no more than 14 days prior to the initiation of construction activities. If an active nest is found, a no-disturbance buffer zone is typically established around the nest. The size of the buffer shall be determined through consultation with the appropriate resource agencies (e.g., CDFG). The no-disturbance buffer zone is maintained until it is determined that the young have fledged. If a nest tree must be removed, the removal shall occur outside of the nesting season (February through August), or after a qualified biologist verifies that the nest is unoccupied and the young have fledged.

Other special-status birds reported from within 10 miles of the site have specific habitat requirements that are not met on-site. There are no special status mammals that are considered likely to occur on the project.

Critical Habitat

The site is not situated within designated or proposed Critical Habitat by the USFWS for any listed species. The nearest designated critical habitat is approximately 6.5 miles to the north, and has been designated critical habitat for USFWS-listed vernal pool branchiopods (critical habitat unit 11C; Figure 4).

CONCLUSION

ECORP Consulting, Inc. conducted a special-status species assessment for the Foothills Corporate Center site in Placer County, California. Based upon plant communities, habitats, current site conditions, and nearby records there are several special-status species with potential to use the site. Vernal pools and seasonal wetlands may provide habitat for special status plants and/or freshwater branchiopods. Prior special-status plant surveys conducted in 2006 failed to document any special-status plants on-site. Determinate-level field surveys conducted according to the *Interim Survey Guidelines to Permittees for Recovery Permits Under Section 10(a)(1)(A) of the Endangered Species Act for the Listed Vernal Pool Branchiopods* (USFWS 1996a) would be necessary to establish the presence/absence of vernal pool branchiopods on-site. It is potential but unlikely that western spadefoots occur on-site. The Lead Agency may require a habitat assessment and/or survey to fulfill CEQA obligations.

Ornamental trees along the north edge and grasslands throughout the site may provide nesting habitat for birds. It is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by California Fish and Game Code (Code) § 3503. In addition, all raptors or birds of prey (owls, hawks falcons) including common species, and their nests, are protected from take pursuant to §3503.5 of the Code. Take of nesting birds can be avoided through timing construction activities to avoid the nesting season or by conducting pre-construction surveys with a qualified avian ecologist, and implementing appropriate avoidance measures in the event an active nest is located. The site may provide foraging habitat for the state-threatened Swainson's hawk (*Buteo swainsoni*), and as such, may require mitigation by CDFG. The open, rolling topography on-site favors western burrowing owls. Determinate-level field surveys conducted according to the *Staff Report on Burrowing Owl Mitigation* (CDFG 2012) would be necessary to establish the presence/absence of burrowing owls on-site.

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- U. S. Fish and Wildlife Service (USFWS). 2006. Biological Opinion for the Foothills Corporate Center, August 15, 2006.

LIST OF ATTACHMENTS

Attachment A – California Natural Diversity Database Occurrences for the Roseville,
California 7.5-minute Quadrangle

Attachment B – USFWS Query of Listed Species: Roseville Quad

ATTACHMENT A

California Natural Diversity Database Plant Occurrences for the Roseville, California 7.5-minute Quadrangle

Agelaius tricolor

tricolored blackbird

Element Code: ABPBXB0020

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2G3

CDFG Status: SC

State: None

State: S2

Habitat Associations

General: HIGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY & VICINITY. LARGELY ENDEMIC TO CALIFORNIA.

Micro: REQUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, & FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY.

Occurrence No. 242

Map Index: 23971

EO Index: 4277

Dates Last Seen

Occ Rank: Excellent

Element: 2000-04-22

Origin: Natural/Native occurrence

Site: 2000-04-22

Presence: Presumed Extant

Record Last Updated: 2004-05-06

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86043° / -121.31575°

Township: 12N

UTM: Zone-10 N4302636 E646132

Range: 06E

Area: 4.2 acres

Mapping Precision: SPECIFIC

Section: 28

Qtr: SW

Elevation: 125 ft

Symbol Type: POLYGON

Meridian: M

Location: WEST OF INDUSTRIAL BLVD, 1 MILE SOUTHWEST OF LINCOLN RODEO GROUNDS.

Ecological: NESTING SUBSTRATE CONSISTS OF SCIRPUS ACUTUS (BULRUSH) GROWING IN A SHALLOW FARM POND.

Threat: THREATENED BY FUTURE DEVELOPMENT.

General: 25 ADULTS OBSERVED NESTING IN JULY 1992. ~1000 BIRDS OBSERVED NESTING DURING 20-30 APRIL 1994. EST OF 5000 (3:2 RATIO OF M:F) NESTING IN BULRUSHES ON 22 APR 2000. ABOUT 4000 FORAGING IN GRASSLAND 0.2 - 0.5 MI AWAY.

Owner/Manager: UNKNOWN

Alkali Meadow

Element Code: CTT45310CA

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
Federal: None Global: G3
State: None State: S2.1

_____ Habitat Associations _____

General:

Micro:

Occurrence No. 1

Map Index: 11773

EO Index: 22568

_____ Dates Last Seen _____

Occ Rank: Unknown

Element: 1982-08-23

Origin: Natural/Native occurrence

Site: 1982-08-23

Presence: Presumed Extant

Record Last Updated: 1998-07-15

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.81323° / -121.25662°

Township: 11N

UTM: Zone-10 N4297494 E651363

Range: 06E

Radius: 1/5 mile

Mapping PrecisionNON-SPECIFIC

Section: 12

Qtr: S

Elevation: 150 ft

Symbol TypePOINT

Meridian: M

Location: NORTH OF ROSEVILLE ON HWY 65, EAST ON PLACER BLVD, EAST ON PRIVATE DIRT ROAD.

Ecological: LOW DISTICHLIS MEADOWS W/PATCHES OF BARE WHITE SALT ENCRUSTED SOIL. OCCURS BETWEEN SEEPS DOMINATED BY OLNEY BULLRUSH. MOSAIC OF DIFF COVER TYPES. SPECIES LIST ON FILE AT CNDDB.

Threat: GRAZED IN WINTER. DEVEL PLANNED FOR THE AREA.

General: SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Alkali Seep

Element Code: CTT45320CA

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

State: None

State: S2.1

Habitat Associations

General:

Micro:

Occurrence No. 2

Map Index: 11773

EO Index: 13316

Dates Last Seen

Occ Rank: Unknown

Element: 1982-08-23

Origin: Natural/Native occurrence

Site: 1989-04-19

Presence: Presumed Extant

Record Last Updated: 1998-07-20

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.81323° / -121.25662°

Township: 11N

UTM: Zone-10 N4297494 E651363

Range: 06E

Radius: 1/5 mile

Mapping Precision: NON-SPECIFIC

Section: 12

Qtr: S

Elevation: 150 ft

Symbol Type: POINT

Meridian: M

Location: 0.5 MILE EAST OF PLEASANT GROVE CREEK, APPROX 2.5 MILES NORTH OF ROCKLIN. ACCESS VIA HWY 65.

Ecological: SEEPS AND OLNEY BULLRUSH DOM. OCCURS IN PATCHES W/ALKALI MEADOW BTWN A HOMOGENEOUS STAND OF VEG APPROX 1 M TALL. FRESHWATER SEEP OCCURS ABOVE ALKALINE-SEEP. FILL HAS BEEN ILLEGALLY DISCHARGED INTO SITE AS OF 1989.

Threat: GRAZED IN WINTER. DEVELOPMENT PLANS FOR SITE.

General: ARMY CORPS INVOLVED IN RESTORATION AND MITIGATION. SEE

WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Ammodramus savannarum

grasshopper sparrow

Element Code: ABPBXA0020

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5

CDFG Status: SC

State: None

State: S2

Habitat Associations

General: DENSE GRASSLANDS ON ROLLING HILLS, LOWLAND PLAINS, IN VALLEYS & ON HILLSIDES ON LOWER MOUNTAIN SLOPES.

Micro: FAVORS NATIVE GRASSLANDS WITH A MIX OF GRASSES, FORBS & SCATTERED SHRUBS. LOOSELY COLONIAL WHEN NESTING.

Occurrence No. 8

Map Index: 69480

EO Index: 70259

Dates Last Seen

Occ Rank: Good

Element: 1998-05-08

Origin: Natural/Native occurrence

Site: 1998-05-08

Presence: Presumed Extant

Record Last Updated: 2007-06-12

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86479° / -121.28821°

Township: 12N

UTM: Zone-10 N4303165 E648512

Range: 06E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 27

Qtr: NE

Elevation: 155 ft

Symbol Type: POINT

Meridian: M

Location: 0.6 MILE ESE OF THE LINCOLN RODEO GROUNDS, EAST OF HIGHWAY 65, SOUTH OF LINCOLN.

Location Detail: SITE IS LOCATED ON A VERNAL POOL PRESERVE; DEVELOPMENT TO SURROUND PRESERVE.

Ecological: HABITAT CONSISTS OF ROLLING VERNAL POOL GRASSLAND.

Threat: THREATENED BY LOSS OF AREA AND HIGH PROBABILITY OF INVASION BY STAR THISTLE AND OTHER WEEDY PLANTS (BY LOSS OF GRAZING).

General: 1 ADULT OBSERVED ON 8 MAY 1998; LIKELY BREEDING AREA.

Owner/Manager: UNKNOWN

Andrena subapasta

A vernal pool andrenid bee

Element Code: IHHYM35050

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1G3

CDFG Status:

State: None

State: S1S3

Habitat Associations

General: COLLECTS POLLEN PRIMARILY FROM ARENARIA CALIFORNICA BUT ALSO ORTHOCARPUS ERIANTHUS & LASTHENIA SP.

Micro: NESTS IN UPLANDS NEAR VERNAL POOLS.

Occurrence No. 3

Map Index: 59353

EO Index: 59389

Dates Last Seen

Occ Rank: Unknown

Element: 19XX-XX-XX

Origin: Natural/Native occurrence

Site: 19XX-XX-XX

Presence: Presumed Extant

Record Last Updated: 2005-01-14

Trend: Unknown

Quad Summary: Roseville (3812173/528D), Citrus Heights (3812163/512A)

County Summary: Placer

Lat/Long: 38.74985° / -121.28555°

Township: 10N

UTM: Zone-10 N4290414 E648982

Range: 06E

Radius: 1 mile

Mapping Precision: NON-SPECIFIC

Section: 02

Qtr: XX

Elevation: 160 ft

Symbol Type: POINT

Meridian: M

Location: ROSEVILLE.

Location Detail: RECORD DATES FROM NO LATER THAN LATE 1960S, SO OLDER AREA OF ROSEVILLE MAPPED.

Ecological: FEMALES OF THIS SPECIES COLLECT POLLEN PRIMARILY FROM ARENARIA, BUT ALSO ORTHOCARPUS ERIANTHUS AND LASTHENIA SP.

General: AN UNKNOWN NUMBER OF FEMALES COLLECTED, DATE UNKNOWN.

Owner/Manager: UNKNOWN

Andrena subapasta

A vernal pool andrenid bee

Element Code: IIHYM35050

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1G3

CDFG Status:

State: None

State: S1S3

Habitat Associations

General: COLLECTS POLLEN PRIMARILY FROM ARENARIA CALIFORNICA BUT ALSO ORTHOCARPUS ERIANTHUS & LASTHENIA SP.

Micro: NESTS IN UPLANDS NEAR VERNAL POOLS.

Occurrence No. 3

Map Index: 59353

EO Index: 59389

Dates Last Seen

Occ Rank: Unknown

Element: 19XX-XX-XX

Origin: Natural/Native occurrence

Site: 19XX-XX-XX

Presence: Presumed Extant

Record Last Updated: 2005-01-14

Trend: Unknown

Quad Summary: Roseville (3812173/528D), Citrus Heights (3812163/512A)

County Summary: Placer

Lat/Long: 38.74985° / -121.28555°

Township: 10N

UTM: Zone-10 N4290414 E648982

Range: 06E

Radius: 1 mile

Mapping PrecisionNON-SPECIFIC

Section: 02

Qtr: XX

Elevation: 160 ft

Symbol TypePOINT

Meridian: M

Location: ROSEVILLE.

Location Detail:RECORD DATES FROM NO LATER THAN LATE 1960S, SO OLDER AREA OF ROSEVILLE MAPPED.

Ecological: FEMALES OF THIS SPECIES COLLECT POLLEN PRIMARILY FROM ARENARIA, BUT ALSO ORTHOCARPUS ERIANTHUS AND LASTHENIA SP.

General: AN UNKNOWN NUMBER OF FEMALES COLLECTED, DATE UNKNOWN.

Owner/Manager: UNKNOWN

Athene cunicularia

burrowing owl

Element Code: ABNSB10010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G4

CDFG Status: SC

State: None

State: S2

Habitat Associations

General: OPEN, DRY ANNUAL OR PERENIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.

Micro: SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.

Occurrence No. 339

Map Index: 42028

EO Index: 42028

Dates Last Seen

Occ Rank: Good

Element: 1998-05-08

Origin: Natural/Native occurrence

Site: 2003-05-05

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2003-08-21

Quad Summary: Roseville (3812173/528D), Pleasant Grove (3812174/528C)

County Summary: Placer

Lat/Long: 38.78190° / -121.37308°

UTM: Zone-10 N4293831 E641313

Area:

Mapping PrecisionNON-SPECIFIC

Township: 11N

Range: 05E

Section: 24

Qtr: XX

Elevation: 100 ft

Symbol TypePOLYGON

Meridian: M

Location: NORTH SIDE OF PHILIP ROAD, APPROXIMATELY 0.75 MILE WEST OF FIDDYMENT ROAD, NW OF ROSEVILLE.

Ecological: HABITAT CONSISTS OF MODERATELY-GRAZED, ROLLING GRASSLAND, WITH NO EVIDENCE OF HISTORIC SOIL DISTURBANCE. SITE WOULD BE BETTER IF MORE BURROWS WERE PRESENT; HARD SOILS AND LACK OF GROUND SQUIRRELS MAY BE THE CAUSE.

Threat: THREATS INCLUDE POSSIBLE FUTURE DEVELOPMENT OR LOSS OF GRAZERS.

General: OWLS (NEVER MORE THAN 2) OBSERVED YEAR-ROUND DURING 1998. HABITAT APPEARS EXTANT, BUT NO OWLS WERE OBSERVED ON 5 MAY 2003 - DATE OF SITE VISIT LIKELY TO EARLY.

Owner/Manager: PVT

Occurrence No. 1177

Map Index: 71623

EO Index: 72527

Dates Last Seen

Occ Rank: Good

Element: 2008-02-18

Origin: Natural/Native occurrence

Site: 2008-02-18

Presence: Presumed Extant

Trend: Unknown

Record Last Updated: 2008-07-01

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84685° / -121.35702°

UTM: Zone-10 N4301064 E642578

Radius: 80 meters

Mapping PrecisionSPECIFIC

Township: 12N

Range: 06E

Section: 31

Qtr: XX

Elevation: 110 ft

Symbol TypePOINT

Meridian: M

Location: 250 FT NORTH OF EAST CATLETT RD, 0.4 MI WEST OF FIDDYMENT RD, SW OF LINCOLN.

Location Detail: LOCATED ON MOORE RANCH WETLAND RESTORATION PROJECT PROPERTY.

Ecological: HABITAT CONSISTS OF MIXED NATIVE AND NON-NATIVE GRASSLAND, WHICH IS WITHIN A VERNAL POOL RESTORATION PROJECT AREA. SURROUNDED BY GRAZED AND UNGRAZED PASTURES.

Threat: THREATENED BY ENCROACHING URBAN DEVELOPMENT FROM BOTH LINCOLN & ROSEVILLE.

General: 1 ADULT OBSERVED AT BURROW SITE ON 30 JAN, 1 FEB AND 18 FEB 2008. GULLS ATTRACTED BY NEARBY WASTEWATER & GARBAGE COLLECTION FACILITIES COULD POSSIBLY PREY UPON BUOW CHICKS IF NESTING OCCURS.

Owner/Manager: MOORE RANCH CONSERVANCY

Balsamorhiza macrolepis* var. *macrolepis

big-scale balsamroot

Element Code: PDAST11061

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3G4T2

CNPS List: 1B.2

State: None

State: S2

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.

Micro: SOMETIMES ON SERPENTINE. 35-1000M.

Occurrence No. 9

Map Index: 32045

EO Index: 3757

Dates Last Seen

Occ Rank: Unknown

Element: 1958-07-07

Origin: Natural/Native occurrence

Site: 1958-07-07

Presence: Presumed Extant

Record Last Updated: 2011-07-26

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.79393° / -121.30792°

Township: 11N

UTM: Zone-10 N4295269 E646948

Range: 06E

Area: 98.3 acres

Mapping PrecisionSPECIFIC

Section: 21

Qtr: XX

Elevation: 125 ft

Symbol TypePOLYGON

Meridian: M

Location: UNCULTIVATED STRIP ALONG RAILROAD AND US HIGHWAY 99E, 3.2 MILES NORTH OF ROSEVILLE.

Location Detail:US HWY 99E WAS REPLACED BY CA HWY 65. HWY 65 WAS BUILT PARALLEL TO THE ROUTE OF HWY 99E, ABOUT 0.4 MILE EAST OF THE RAILROAD. MAPPED BY CNDDDB NON-SPECIFICALLY ALONG INDUSTRIAL AVE AND THE RAILROAD TRACKS AS A BEST GUESS.

Ecological: OPEN VALLEY PLAIN.

Threat: MUCH OF THIS AREA HAS BEEN DEVELOPED SINCE THE COLLECTIONS WERE MADE.

General: MAIN SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1957 CRAMPTON COLLECTION FROM 3.2 MILES NORTH OF ROSEVILLE ALONG HWY 99E. 1958 FULLER COLLECTIONS FROM 2 MILES NORTH OF ROSEVILLE ALONG HWY 99E ALSO ATTRIBUTED HERE. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 29

Map Index: 33250

EO Index: 2571

Dates Last Seen

Occ Rank: Good
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1994-12-28
Site: 1994-12-28

Record Last Updated: 1996-02-23

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86173° / -121.29715°
UTM: Zone-10 N4302810 E647744
Radius: 80 meters
Elevation: 140 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 12N
Range: 06E
Section: 27
Meridian: M
Qtr: NW

Location: EAST SIDE OF HWY 65, 0.4 MILE SOUTH OF THE LINCOLN RODEO GROUNDS, 2 MILES SOUTH OF LINCOLN.

Ecological: HABITAT CONSISTS OF VERNAL POOLS IN ROLLING GRASSLAND.

Threat: THREATENED BY PROPOSED DEVELOPMENT.

General: MANY SHRIMP OBSERVED/COLLECTED (DEPOSITED AT CAS) ON 28 DECEMBER 1994.

Owner/Manager: PVT

Occurrence No. 30

Map Index: 33251

EO Index: 2570

Dates Last Seen

Occ Rank: Good
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1994-12-28
Site: 1994-12-28

Record Last Updated: 1995-06-30

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84669° / -121.26971°
UTM: Zone-10 N4301186 E650156
Radius: 80 meters
Elevation: 195 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 12N
Range: 06E
Section: 35
Meridian: M
Qtr: NE

Location: 2 MILES SE OF THE LINCOLN RODEO GROUNDS, ~3 MILES SSE OF LINCOLN.

Ecological: HABITAT CONSISTS OF VERNAL POOLS WITHIN ROLLING GRASSLAND.

Threat: THREATENED BY PROPOSED DEVELOPMENT.

General: MANY SHRIMP OBSERVED/COLLECTED (DEPOSITED AT CAS) ON 28 DECEMBER 1994.

Owner/Manager: PVT

Occurrence No. 41

Map Index: 32449

EO Index: 1022

Dates Last Seen

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 2003-01-29
Site: 2005-01-21

Record Last Updated: 2005-10-18

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78926° / -121.29294°
UTM: Zone-10 N4294775 E648259
Area: 12.9 acres
Elevation: 150 ft

Mapping Precision: SPECIFIC
Symbol Type: POLYGON

Township: 11N
Range: 06E
Section: 22
Meridian: M
Qtr: XX

Location: 0.8 KM E OF HWY 65; 1.5 MILES SSW OF INTERSECTION PLEASANT GROVE CREEK AND PLACER BLVD/SUNSET BLVD; N OF ROSEVILLE.

Location Detail: HIGHLAND RESERVE SOUTH; POOL NUMBERS N10, N42, N8, NA & NB. THE ECORP 2000 SURVEY LAT/LONG GIVEN ARE NOT AT THE LOCATION THEY MAPPED; REPORT HAS TEMP, DEPTH, & SURFACE AREA OF POOLS. NONE OBSERVED IN THE POOLS SURVEYED DURING 2005.

Ecological: CONSTRUCTED & HISTORIC VERNAL POOLS WITHIN A NON-NATIVE ANNUAL GRASSLAND; WETLAND COMPENSATION/MITIGATION PRESERVE. 2/6/95: POOL HAD SURFACE AREA OF 94 SQUARE METERS & DEPTH OF 17 CM. SURROUNDING AREA COMPRISED OF URBAN/DEVELOPMENT.

General: POOL #NB: 50+ ADULTS OBS, 1995; 1 ADULT COLL. & DEP. IN CAS. 10'S OBS IN 2000, POOL #VPN10; LINDERIELLA OCCIDENTALIS IN 2 POOLS NOT IDENT IN PRESERVE. 100'S IN POOLS NA, N8, N42 4 JAN 2002. 100'S IN POOL NA 29 JAN 2003. NOT PRESENT JAN 2005

Owner/Manager: PVT-ROSEVILLE PROPERTIES

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status

NDDB Element Ranks

Other Lists

Federal: Threatened

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.

Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 42

Map Index: 47451

EO Index: 17819

Dates Last Seen

Occ Rank: Fair

Element: 2001-02-16

Origin: Natural/Native occurrence

Site: 2005-01-21

Presence: Presumed Extant

Record Last Updated: 2011-07-08

Trend: Fluctuating

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77346° / -121.28207°

UTM: Zone-10 N4293039 E649236

Area: 28.7 acres

Elevation: 160 ft

Mapping Precision SPECIFIC
Symbol Type POLYGON

Township: 11N

Range: 06E

Section: 26

Meridian: M

Qtr: SW

Location: HIGHLAND RESERVE SOUTH OPEN SPACE JUST N & E OF DIAMOND OAKS MUNICIPAL GOLF COURSE, ROSEVILLE.

Location Detail: HIGHLAND RESERVE SOUTH. BOTH NATURAL AND MANMADE VERNAL POOLS PRESENT. 2005: SELECT POOLS FROM NORTHERN PORTION OF FEATURE SURVEYED. MAPPED TO PROVIDED MAPS.

Ecological: HARDPAN VERNAL POOLS IN ANNUAL GRASSLAND; WETLAND COMPENSATION/MITIGATION PRESERVE SURROUNDED BY DEVELOPMENT AS OF 2002. ON 31 JAN 1995 THE SURFACE AREA WAS 59 (U22) & 94 (U26) SQUARE METERS & THE DEPTH WAS 35 (U22) & 14 (U26) CM.

General: OBSERVED IN 5 OF 32 SURVEYED POOLS 11 FEB 1993. 50+ OBS IN 2 POOLS 31 JAN 1995; 2 AD DEPOSITED IN CAS. 0 OBS APR 1996. 10S IN 4 POOLS, 100S IN 1 POOL 9 JAN 1997. 0 OBS FEB 1998. 100S IN 1 POOL 16 FEB 2001. 0 OBS FEB 2004. 0 OBS JAN 2005.

Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 44

Map Index: 32456

EO Index: 1903

Dates Last Seen

Occ Rank: Fair

Element: 1995-03-XX

Origin: Natural/Native occurrence

Site: 1997-02-25

Presence: Presumed Extant

Record Last Updated: 2011-07-08

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76087° / -121.33772°

UTM: Zone-10 N4291553 E644427

Area: 44.0 acres

Elevation: 120 ft

Mapping Precision SPECIFIC
Symbol Type POLYGON

Township: 11N

Range: 06E

Section: 32

Meridian: M

Qtr: NW

Location: SILVERADO OAKS MITIGATION SITE, NW OF THE WOODCREEK OAKS BLVD & JUNCTION BLVD JCT, ABOUT 3 MI WNW OF ROSEVILLE PO.

Location Detail: 1995: 15 WETLANDS SAMPLED AMONG PARCELS 72 (EO#44, THIS OCCURRENCE) & 32 (EO#635). 1996: 10 SAMPLED. 1997: 13 SAMPLED. PROVIDED MAP GRAPHIC APPEARED SHIFTED WEST OF TRUE LOCATION; MAPPED TO AERIAL IMAGE MATCHING PRESERVED HABITAT.

Ecological: CONSTRUCTED AND SEASONAL HARDPAN VERNAL POOLS WITH NON-NATIVE ANNUAL GRASSLAND. PROTECTED WETLAND SURROUNDED BY RESIDENTIAL DEVELOPMENT.

General: 1995: BRANCHINECTA LYNCHI OBSERVED IN CONSTRUCTED VERNAL POOLS. 1996: NO B. LYNCHI OBSERVED, BUT LINDERIELLA OCCIDENTALIS PRESENT. 1997: NO B. LYNCHI OBSERVED, BUT L. OCCIDENTALIS PRESENT.

Owner/Manager: CITY OF ROSEVILLE

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 45

Map Index: 32457

EO Index: 1899

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1995-03-14
Site: 1995-03-14

Record Last Updated: 1995-10-11

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76950° / -121.32354°
UTM: Zone-10 N4292533 E645642
Radius: 1/5 mile
Elevation: 130 ft

Mapping PrecisionNON-SPECIFIC
Symbol Type:POINT

Township: 11N
Range: 06E
Section: 29 Qtr: SE
Meridian: M

Location: BETWEEN KASEBERG CREEK & SOUTH BRANCH PLEASANT GROVE CREEK; 1.8 KM WEST OF SOUTHERN PACIFIC RR X HWY 65.

Location Detail: WOODCREEK OAKS MITIGATION SITES. 14 WATER BODIES WERE SAMPLED ON FEB 9, 10, 27 & MARCH 14, 1995. B. LYNCHI FOUND IN ONLY 1 POOL & ONLY ON 3/14/95.

Ecological: HARDPAN VERNAL POOL IN ANNUAL NON-NATIVE GRASSLAND. ON 3/14 THE SURFACE AREA WAS 129 SQ METERS & THE DEPTH WAS 18 CM. WETLAND COMPENSATION/MITIGATION PRESERVE.

General: POOL #C2: 50+ ADULTS OBSERVED; 1 ADULT COLLECTED & DEPOSITED IN CAS. THE INFORMATION PROVIDED BY THE CONSULTANT HAS CONFLICTING DATA ON THE LOCATION OF THIS POOL; THIS SITE WAS MAPPED ACCORDING TO THE MAP THEY PROVIDED, NOT THE T-R-S GIVEN.

Owner/Manager: PVT-SARES REGIS GROUP

Occurrence No. 46

Map Index: 32458

EO Index: 9535

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1996-01-29
Site: 1996-01-29

Record Last Updated: 2008-04-29

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85840° / -121.31539°
UTM: Zone-10 N4302411 E646168
Area: 19.0 acres
Elevation: 130 ft

Mapping PrecisionSPECIFIC
Symbol Type:POLYGON

Township: 12N
Range: 06E
Section: 28 Qtr: SW
Meridian: M

Location: INGRAM SLOUGH; 3.2 KM ESE OF MOORE ROAD X FIDDYMENT ROAD; SSW OF LINCOLN.

Location Detail: LINCOLN CROSSING MITIGATION SITE. 1995: 10 TOTAL WETLANDS SAMPLED. THE INFORMATION FROM CONSULTANT HAD DISCREPANCIES BETWEEN FIELD SURVEY FORMS & MAP - MAPPED ACCORDING TO THEIR MAP. 1996: 42 TOTAL WATERBODIES WERE SURVEYED.

Ecological: CONSTRUCTED HARDPAN VERNAL POOL IN ANNUAL NON-NATIVE GRASSLAND. WETLAND COMPENSATION/MITIGATION PRESERVE.

General: 1995: <50 ADULTS OBSERVED IN POOL #211. 1996: <50 ADULTS OBSERVED IN 5 POOLS (101, 204, 206, 216 & 220). LINDERIELLA OCCIDENTALIS ALSO PRESENT IN MOST OF SITE DURING 1995 & 1996.

Owner/Manager: PVT-STERLING PACIFIC ASSETS

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 91

Map Index: 32516

EO Index: 1892

— Dates Last Seen —

Occ Rank: Excellent
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1998-02-04
Site: 1998-02-04

Record Last Updated: 1998-09-29

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86505° / -121.29394°
UTM: Zone-10 N4303184 E648015
Area:
Elevation: 140 ft

Township: 12N
Range: 06E
Section: 27 Qtr: NW
Meridian: M

Mapping PrecisionNON-SPECIFIC
Symbol TypePOLYGON

Location: EASTRIDGE SOUTHERN WETLAND PRESERVE, JUST EAST OF HWY 65 (AT THE LINCOLN RODEO GROUNDS), 0.5 MILE SE OF LINCOLN.

Ecological: NORTHERN HARDPAN VERNAL POOL HABITAT WITH CONSTRUCTED VERNAL POOLS (3.95 ACRES), CONSTRUCTED SEASONAL WETLANDS (1.95 ACRES), AND REFERENCE VERNAL POOLS IN ANNUAL GRASSLAND.

Threat: FUTURE RESIDENTIAL DEVELOPMENT PLANNED IN ADJACENT AREA; DIRT ROADS BISECT PRESERVE; GRAZING; RODEO GROUNDS TO THE NW.

General: 1995 (SECOND MONITORING YEAR): OBS IN 7 REFERENCE VERNAL POOLS, IN 17 CONSTRUCTED VERNAL POOLS, IN 2 1996 (THIRD YEAR): OBS IN 21 OF 45 CONSTRUCTED POOLS, 6 OF 10 REFERENCE POOLS. PRESENT ON-SITE IN 1997 AND 1998.

Owner/Manager: PVT-PLACER HOLDINGS

Occurrence No. 139

Map Index: 34813

EO Index: 1874

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1996-01-30
Site: 1996-03-11

Record Last Updated: 2002-03-22

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.80312° / -121.30397°
UTM: Zone-10 N4296295 E647273
Area: 33.4 acres
Elevation: 105 ft

Township: 11N
Range: 06E
Section: 16 Qtr: NE
Meridian: M

Mapping PrecisionSPECIFIC
Symbol TypePOLYGON

Location: NORTH OF ROSEVILLE; BETWEEN HWY 65 AND INDUSTRIAL AVENUE; 0.3 KM WSW OF HWY 65 X PLEASANT GROVE CREEK.

Location Detail: FOOTHILL BUSINESS PARK MITIGATION SITE, PARCEL 1. 1995: 12 WATERBODIES SURVEYED. 1996: 14 WATERBODIES SURVEYED. 1997: 29 WATERBODIES SURVEYED.

Ecological: CONSTRUCTED VERNAL POOLS WITHIN NON-NATIVE ANNUAL GRASSLAND. POOL #VP32-1995: SURFACE AREA WAS 0, DEPTH WAS 39.0 CM; 1996: SURFACE AREA WAS 461 SQ METERS, DEPTH WAS 19.0 CM.

General: 1/14/1997: 10'S SEEN IN 2 POOLS (VP12 & 29). 1/30/1996: >50 FAIRY SHRIMP OBSERVED IN POOL #VP32; LINDERIELLA OCCIDENTALIS ALSO PRESENT.

Owner/Manager: PVT-STANFORD RANCH

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
 Federal: Threatened
 State: None

NDDB Element Ranks
 Global: G3
 State: S2S3

Other Lists
 CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 141

Map Index: 34819

EO Index: 17500

Dates Last Seen

Occ Rank: Unknown
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Element: 1996-01-30
 Site: 1996-01-30

Record Last Updated: 1996-07-17

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86474° / -121.30580°
 UTM: Zone-10 N4303130 E646987
 Radius: 80 meters
 Elevation: 140 ft

Mapping Precision: SPECIFIC
 Symbol Type: POINT

Township: 12N
 Range: 06E
 Section: 28
 Meridian: M
 Qtr: NE

Location: NNW OF ROSEVILLE IN INGRAM SLOUGH; 0.4 KM WEST OF HWY 65 X INDUSTRIAL BLVD.

Location Detail: LILCOLN CROSSING MITIGATION SITE. 1996: 42 TOTAL WATERBODIES SURVEYED.

Ecological: CONSTRUCTED HARDPAN VERNAL POOL WITHIN NON-NATIVE ANNUAL GRASSLAND. WETLAND COMPENSATION/MITIGATION PRESERVE.

General: 1996: <50 ADULTS OBSERVED IN POOL #222; SURFACE AREA=574 SQ METERS, WATER DEPTH=32.0 CM, TEMPERATURE= 11.5 DEGREES C, CONDUCTIVITY=75.80, TURBIDITY WAS LOW. LINDERIELLA ALSO PRESENT IN POOL AND IN SURROUNDING AREAS.

Owner/Manager: PVT-STERLING PACIFIC ASSETS

Occurrence No. 154

Map Index: 33672

EO Index: 30807

Dates Last Seen

Occ Rank: Unknown
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Element: 2005-XX-XX
 Site: 2005-XX-XX

Record Last Updated: 2006-03-23

Quad Summary: Roseville (3812173/528D), Pleasant Grove (3812174/528C)

County Summary: Placer

Lat/Long: 38.80163° / -121.37194°
 UTM: Zone-10 N4296023 E641373
 Area: 1,972.8 acres
 Elevation: 95 ft

Mapping Precision: SPECIFIC
 Symbol Type: POLYGON

Township: 11N
 Range: 05E
 Section: 13
 Meridian: M
 Qtr: XX

Location: NORTH OF PHILLIP ROAD IN THE VICINITY OF PLEASANT GROVE CREEK. NORTHWEST OF ROSEVILLE.

Location Detail: VERNAL POOLS ARE FOUND IN T11N, R05E, SECTIONS 13, 14 & 24 & IN T11N, R06E, SECTION 18. THIS AREA IS IN THE WEST ROSEVILLE SPECIFIC PLAN. PART OF THE AREA IS BEING DEVELOPED & PART IS AN OPEN SPACE PRESERVE.

Ecological: NATURAL VERNAL POOLS.

Threat: AREA IS BEING DEVELOPED.

General: 1993: OBS IN 16 OF 52 POOLS IN SEC 13, IN 4 OF 9 POOLS IN SEC 14, & IN 3 POOLS IN SEC 18. NO LEPIDURUS PACKARDI OBS. SUGNET RECORD #S 87, 88 & 91. 2005: OBS IN NW 1/4 OF SEC 24 IN POOLS #273, 277, 287 & 291 & IN SEC 13 POOL #15.

Owner/Manager: UNKNOWN

Occurrence No. 155

Map Index: 33674

EO Index: 30808

Dates Last Seen

Occ Rank: Unknown
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Element: 1993-01-27
 Site: 1993-01-27

Record Last Updated: 2006-03-23

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77370° / -121.36736°
 UTM: Zone-10 N4292930 E641825
 Area: 610.4 acres
 Elevation: 110 ft

Mapping Precision: SPECIFIC
 Symbol Type: POLYGON

Township: 11N
 Range: 05E
 Section: 25
 Meridian: M
 Qtr: XX

Location: SOUTH OF PHILLIP ROAD AND WEST OF FIDDYMENT ROAD. WNW OF ROSEVILLE.

Location Detail: VERNAL POOLS LOCATED SOMEWHERE IN SECTION 25.

Ecological: NATURAL VERNAL POOLS.

General: B. LYNCHI OBSERVED IN 5 OF 31 FEATURES INSPECTED. NO LEPIDURUS PACKARDI OBSERVED. SUGNET RECORD NUMBER 89.

Owner/Manager: UNKNOWN

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 156

Map Index: 33673

EO Index: 30806

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1993-02-18
Site: 1993-02-18

Record Last Updated: 1997-04-07

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.80298° / -121.31236°
UTM: Zone-10 N4296266 E646544
Radius: 3/5 mile
Elevation: 100 ft

Mapping PrecisionNON-SPECIFIC
Symbol TypePOINT

Township: 11N
Range: 06E
Section: 16
Meridian: M
Qtr: XX

Location: WEST OF HWY 65 & NORTH OF SCOW ROAD. NNW OF ROSEVILLE.

Location Detail: VERNAL POOLS LOCATED SOMEWHERE IN SECTION 16.

Ecological: NATURAL VERNAL POOLS.

General: B. LYNCHI WAS FOUND IN 5 OF 54 FEATURES INSPECTED. NO LEPIDURUS PACKARDI OBSERVED. SUGNET RECORD #90.

Owner/Manager: UNKNOWN

Occurrence No. 157

Map Index: 33676

EO Index: 30431

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1993-01-18
Site: 1993-01-18

Record Last Updated: 1997-03-12

Quad Summary: Lincoln (3812183/528A), Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.87538° / -121.29395°
UTM: Zone-10 N4304331 E647993
Radius: 3/5 mile
Elevation: 150 ft

Mapping PrecisionNON-SPECIFIC
Symbol TypePOINT

Township: 12N
Range: 06E
Section: 22
Meridian: M
Qtr: XX

Location: SOUTH OF AUBURN RAVINE, ON BOTH SIDES OF HWY 65, SOUTH OF LINCOLN.

Location Detail: VERNAL POOLS LOCATED SOMEWHERE IN SECTION 22.

Ecological: NATURAL VERNAL POOLS.

General: B. LYNCHI OBSERVED IN 2 OF 5 FEATURES INSPECTED. NO LEPIDURUS PACKARDI OBSERVED. SUGNET RECORD #95.

Owner/Manager: UNKNOWN

Occurrence No. 191

Map Index: 36947

EO Index: 31944

— Dates Last Seen —

Occ Rank: Good
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1997-01-17
Site: 1997-01-17

Record Last Updated: 2008-04-29

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84424° / -121.31478°
UTM: Zone-10 N4300841 E646250
Radius: 1/5 mile
Elevation: 115 ft

Mapping PrecisionNON-SPECIFIC
Symbol TypePOINT

Township: 12N
Range: 06E
Section: 33
Meridian: M
Qtr: SW

Location: ORCHARD CREEK AREA, 0.25 MILE NORTH OF ATHENS AVENUE (PLEASANT GROVE BLVD) AND WEST OF SPRR TRACKS, NORTH OF ROSEVILLE.

Location Detail: SITE IS LOCATED ON A 632-ACRE MITIGATION BANK PRESERVE. THIS UNDEVELOPED PASTURELAND IS BEING ESTABLISHED AS A MITIGATION BANK.

Ecological: HABITAT CONSISTS OF NORTHERN HARDPAN VERNAL POOLS.

Threat: DEVELOPMENT

General: AN UNSPECIFIED NUMBER OF FAIRY SHRIMP WERE OBSERVED ON 17 JAN 1997.

Owner/Manager: PVT-WILDLANDS INC

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status

NDDB Element Ranks

Other Lists

Federal: Threatened

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.

Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 195

Map Index: 38256

EO Index: 33263

Dates Last Seen

Occ Rank: Good

Element: 1997-01-16

Origin: Natural/Native occurrence

Site: 1997-01-16

Presence: Presumed Extant

Record Last Updated: 1998-03-02

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78083° / -121.34926°

UTM: Zone-10 N4293749 E643384

Area:

Elevation: 120 ft

Township: 11N

Range: 06E

Section: 30

Qtr: XX

Mapping Precision: NON-SPECIFIC

Symbol Type: POLYGON

Meridian: M

Location: EAST OF FIDDYMENT ROAD, WEST OF FOOTHILLS BLVD, AND NORTH OF BASELINE ROAD, NW OF ROSEVILLE.

Ecological: HABITAT CONSISTS OF SEASONAL WETLANDS, REFERENCE VERNAL POOLS, AND CONSTRUCTED VERNAL POOLS WITHIN A DESIGNATED WETLAND MITIGATION AREA. SURROUNDING UPLAND CONSISTS OF NON-NATIVE ANNUAL GRASSLAND/MIXED OAK WOODLAND.

Threat: THREATENED BY SURROUNDING DEVELOPMENT (GOLF COURSES AND RESIDENTIAL DEVELOPMENT).

General: VERNAL POOL FAIRY SHRIMP WERE IDENTIFIED WITHIN 71 CONSTRUCTED VERNAL POOLS AND SEASONAL WETLANDS. LINDERIELLA OCCIDENTALIS ALSO OBSERVED.

Owner/Manager: PVT

Occurrence No. 196

Map Index: 38629

EO Index: 33636

Dates Last Seen

Occ Rank: Fair

Element: 1997-11-06

Origin: Natural/Native occurrence

Site: 1997-11-06

Presence: Presumed Extant

Record Last Updated: 1998-04-20

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85775° / -121.37303°

UTM: Zone-10 N4302249 E641167

Radius: 80 meters

Elevation: 100 ft

Township: 12N

Range: 05E

Section: 25

Qtr: SW

Mapping Precision: SPECIFIC

Symbol Type: POINT

Meridian: M

Location: MOORE RANCH PROPERTY, 0.8 MILE NORTH OF PLEASANT VALLEY ROAD, SOUTH OF AUBURN RAVINE, 7 MILES NNW OF ROSEVILLE.

Ecological: HABITAT CONSISTS OF A VERNAL POOL IN GRAZED ANNUAL GRASSLAND.

General: SITE WAS HISTORICALLY (SINCE AT LEAST 1937) DISKED; HAS ONLY BEEN GRAZED OVER THE PAST SEVERAL YEARS. 6 CYSTS FOUND IN POOL #3 (PRESUMED TO BE BRANCHINESTA LYNCHI, SINCE THAT IS THE ONLY MEMBER OF THAT GENUS KNOWN TO OCCUR IN THIS AREA).

Owner/Manager: UNKNOWN

Occurrence No. 235

Map Index: 42745

EO Index: 42745

Dates Last Seen

Occ Rank: Unknown

Element: 1997-01-17

Origin: Natural/Native occurrence

Site: 1997-01-17

Presence: Presumed Extant

Record Last Updated: 2000-04-12

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84578° / -121.30899°

UTM: Zone-10 N4301021 E646749

Radius: 80 meters

Elevation: 120 ft

Township: 12N

Range: 06E

Section: 33

Qtr: SE

Mapping Precision: SPECIFIC

Symbol Type: POINT

Meridian: M

Location: 0.5 MILE N OF PLEASANT GROVE RD & SP RR, 1.7 MILES ESE OF ORCHARD CREEK & INGRAM SLOUGH CONFLUENCE, NNW OF ROSEVILLE.

Location Detail: FOUND IN THE SOUTHEAST PORTION OF THE ORCHARD CREEK MIDIGATION BANK. MAJORITY OF VERNAL POOLS ARE ON SAN JOAQUIN SANDY LOAM AND ALAMO-FIDDYMENT COMPLEX SOILS.

Ecological: VERNAL POOLS ENDEMIC VEGETATION: RANUNCULUS ALVEOLATUS, ERYNGIUM VASEYI, PLAGIOBOTHRYUS STIPITAUS, PSILICARPHUS ZIZYPHOROIDES, DESCHAMPSIA DAMTHONIOIDES, NAVARRETIA LEUCOCEPHALA

General: OBSERVED SHRIMP IN 2 OF THE 170 SURVEY POOLS SAMPLED. THIS POOL WAS RATED AS LOW IN ABUNDANCE (LESS THAN ONE INDIVIDUAL PER PULL).

Owner/Manager: UNKNOWN

Branchinecta lynchi			
vernal pool fairy shrimp		Element Code: ICBRA03030	
Status		NDDB Element Ranks	
Federal: Threatened		Global: G3	
State: None		State: S2S3	
Habitat Associations		Other Lists	
General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.		CDFG Status:	
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.			
Occurrence No. 236	Map Index: 42746	EO Index: 42746	Dates Last Seen
Occ Rank: Unknown			Element: 1997-01-17
Origin: Natural/Native occurrence			Site: 1997-01-17
Presence: Presumed Extant			Record Last Updated: 2000-04-12
Trend: Unknown			
Quad Summary: Roseville (3812173/528D)			
County Summary: Placer			
Lat/Long: 38.84043° / -121.32009°		Township: 12N	
UTM: Zone-10 N4300410 E645796		Range: 06E	
Radius: 80 meters	Mapping Precision SPECIFIC	Section: 33	Qtr: SW
Elevation: 115 ft	Symbol Type: POINT	Meridian: M	
Location: 0.7 MILE W OF PLEASANT GROVE RD & SP RR, 1.3 MILES SE OF ORCHARD CREEK & INGRAM SLOUGH CONFLUENCE, NNW OF ROSEVILLE.			
Location Detail: FOUND IN THE SOUTHWEST PORTION OF THE ORCHARD CREEK MIDIGATION BANK. MAJORITY OF VERNAL POOLS ARE ON SAN JOAQUIN SANDY LOAM AND ALAMO-FIDDYMENT COMPLEX SOILS.			
Ecological: VERNAL POOLS ENDEMIC VEGETATION: RANUNCULUS ALVEOLATUS, ERYNGIUM VASEYI, PLAGIOBOTHRYUS STIPITAUS, PSILICARPHUS ZIZYPHOROIDES, DESCHAMPSIA DAMTHONIODES, NAVARRETIA LEUCOCEPHALA			
General: OBSERVED SHRIMP IN 2 OF THE 170 SURVEY POOLS SAMPLED. THIS POOL WAS RATED MEDIUM IN ABUNDANCE (1 TO 5 INDIVIDUALS PER PULL).			
Owner/Manager: UNKNOWN			
Occurrence No. 247	Map Index: 43395	EO Index: 43395	Dates Last Seen
Occ Rank: Unknown			Element: 2001-03-08
Origin: Natural/Native occurrence			Site: 2001-03-08
Presence: Presumed Extant			Record Last Updated: 2004-06-22
Trend: Unknown			
Quad Summary: Roseville (3812173/528D)			
County Summary: Placer			
Lat/Long: 38.82671° / -121.29569°		Township: 11N	
UTM: Zone-10 N4298927 E647942		Range: 06E	
Radius: 80 meters	Mapping Precision SPECIFIC	Section: 03	Qtr: SW
Elevation: 150 ft	Symbol Type: POINT	Meridian: M	
Location: STANFORD RANCH NORTH, 0.75 MILES NNE JCT OF SUNSET BLVD & HWY 65, 1.8 MILES WSW OF TELEGRAPH HILL, ~4 MILES N OF ROCKLIN			
Location Detail: VERNAL POOL AT THIS SITE NUMBERED VP42, MAX SURFACE AREA ~10 METERS BY 13 METERS & 35 CM DEEP. B. LYNCHI FOUND IN 1 OF 65 SEASONAL WATERBODIES SURVEYED BETWEEN 28 JAN & 24 MAR 2000.			
Ecological: HABITAT CONSISTS OF FORMERLY GRAZED, NON-NATIVE ANNUAL GRASSLAND, INTERSPERSED WITH VERNAL POOLS.			
Threat: DISTURBED FIELD (SOURCE OF DISTURBANCE NOT GIVEN)			
General: VPFS NUMBERING IN THE 10'S OBSERVED ON 11 FEB 2000 (2 FEMALES) AND ON 25 FEB 2000 (2 MALES) IN VERNAL POOL #VP42. 8 MAR 2001: 1 MALE OBSERVED WITHIN POOL #42.			
Owner/Manager: PVT			

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status

NDDB Element Ranks

Other Lists

Federal: Threatened

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.

Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 293

Map Index: 45435

EO Index: 45435

Dates Last Seen

Occ Rank: Unknown

Element: 2006-01-10

Origin: Natural/Native occurrence

Site: 2006-01-10

Presence: Presumed Extant

Record Last Updated: 2006-03-22

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77040° / -121.27237°

UTM: Zone-10 N4292715 E650085

Area: 13.3 acres

Elevation: 185 ft

Mapping Precision: SPECIFIC
Symbol Type: POLYGON

Township: 11N

Range: 06E

Section: 26

Meridian: M

Qtr: SE

Location: HIGHLAND RESERVE SOUTH OPEN SPACE, ON THE WEST SIDE OF EAST ROSEVILLE PARKWAY, ROSEVILLE.

Location Detail: FOUND IN POOLS #5, #8, AND #27 IN 2003; IN POOL LVP IN 2006.

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND INTERSPERSED WITH BOTH CONSTRUCTED AND HISTORIC VERNAL POOLS.

General: 10'S OBSERVED IN POOL #8 AND 100'S OBSERVED IN POOL #27 ON 16 FEB 2001. ONLY 2 FEMALES OBSERVED IN POOL #5 ON 4 JAN 2002. 10'S OF ADULTS OBSERVED 24 JAN 2003 IN POOL #5.

Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 304

Map Index: 46034

EO Index: 46034

Dates Last Seen

Occ Rank: Unknown

Element: 2003-01-17

Origin: Natural/Native occurrence

Site: 2003-01-17

Presence: Presumed Extant

Record Last Updated: 2004-10-28

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76449° / -121.34970°

UTM: Zone-10 N4291935 E643379

Radius: 80 meters

Elevation: 125 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 11N

Range: 06E

Section: 31

Meridian: M

Qtr: NW

Location: WOODCREEK WEST WETLAND COMPENSATION AREA. 2.7 MILES NW OF WEST EDGE OF ROSEVILLE.

Location Detail: 0.9 MILES NORTH OF THE INTERSECTION OF FIDDYMENT ROAD AND BASE LINE ROAD AND THEN NEAR 0.8 MILES DIRECTLY EAST.

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND INTERSPERSED WITH CONSTRUCTED AND HISTORIC VERNAL POOLS.

General: MORE THAN 10 ADULTS OBSERVED IN POOL 55 ON 15 FEB 2001. 10'S OF ADULTS OBSERVED IN POOLS 49 AND 55 ON 17 JAN 2003.

Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 307

Map Index: 46096

EO Index: 46096

Dates Last Seen

Occ Rank: Fair

Element: 2001-03-09

Origin: Natural/Native occurrence

Site: 2001-03-09

Presence: Presumed Extant

Record Last Updated: 2001-10-10

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.87145° / -121.32514°

UTM: Zone-10 N4303844 E645295

Radius: 80 meters

Elevation: 120 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 12N

Range: 06E

Section: 20

Meridian: M

Qtr: SE

Location: SW OF LINCOLN; 0.15 MILES SOUTH OF MOORE ROAD AND 0.25 MILES NW OF INGRAM SLOUGH.

Ecological: HABITAT CONSISTS OF LAND WHICH HAS BEEN DRY-FARMED (DISKED ETC.)

Threat: AGRICULTURE - DRY-FARMING.

General: 10'S OF ADULTS OBSERVED. 5 INDIVIDUALS COLLECTED TO BE DEPOSITED AT CAL ACADEMY OF SCIENCES.

Owner/Manager: UNKNOWN

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 308 Map Index: 46098 EO Index: 46098 **Dates Last Seen**
Occ Rank: Fair Element: 2001-03-09
Origin: Natural/Native occurrence Site: 2001-03-09
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2001-10-10

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.85475° / -121.32838° Township: 12N
UTM: Zone-10 N4301986 E645048 Range: 06E
Radius: 80 meters Mapping Precision SPECIFIC Section: 29 Qtr: SE
Elevation: 120 ft Symbol Type POINT Meridian: M

Location: SW OF LINCOLN. 1.1 MILES EAST FIDDYMENT RD & 1.1 MILES NORTH PLEASANT GROVE RD BETWEEN INGRAM SLOUGH & ORCHARD CREEK.
Location Detail: 375 FT SOUTH OF POND.
Ecological: HABITAT CONSISTS OF GRAZED NON-NATIVE GRASSLAND. LINDERIELLA OCCIDENTALIS ALSO FOUND HERE.
General: 10'S OF ADULTS OBSERVED. 6 COLLECTED TO BE DEPOSITED AT CAL ACADEMY OF SCIENCES.
Owner/Manager: UNKNOWN

Occurrence No. 309 Map Index: 46106 EO Index: 46106 **Dates Last Seen**
Occ Rank: Unknown Element: 2001-03-07
Origin: Natural/Native occurrence Site: 2005-01-07
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2005-10-17

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.78973° / -121.33683° Township: 11N
UTM: Zone-10 N4294757 E644445 Range: 06E
Area: Mapping Precision NON-SPECIFIC Section: 20 Qtr: NW
Elevation: 115 ft Symbol Type POLYGON Meridian: M

Location: 1 MILE SW OF THE INTERSECTION OF FIDDYMENT ROAD AND PLEASANT GROVE CREEK, ROSEVILLE
Location Detail: WOODCREEK NORTH OPEN SPACE PRESERV/WETLAND COMPENSATION AREA; POOL #6.
Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND WITH CONSTRUCTED AND HISTORIC VERNAL POOLS SURROUNDED BY OAK WOODLAND. LINDERIELLA OCCIDENTALIS ALSO FOUND HERE.
General: MORE THAN 100 INDIVIDUALS OBSERVED IN POOL #6 ON 7 MAR 2001. NONE OBSERVED DURING A SURVEY CONDUCTED ON 28 FEB 2002. NONE OBSERVED 7 JAN 2005.
Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 315 Map Index: 64299 EO Index: 47900 **Dates Last Seen**
Occ Rank: Unknown Element: 2005-03-02
Origin: Natural/Native occurrence Site: 2005-03-02
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2011-04-25

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.84960° / -121.35768° Township: 12N
UTM: Zone-10 N4301369 E642515 Range: 06E
Area: Mapping Precision NON-SPECIFIC Section: 31 Qtr: NW
Elevation: 100 ft Symbol Type POLYGON Meridian: M

Location: IN THE GENERAL AREA NW OF FIDDYMENT RD AT E CATLETT RD, S OF ORCHARD CREEK, 4.5 MILES SW OF LINCOLN PO.
Location Detail: IN 2002, B. LYNCHI FOUND IN POOLS #49 & 135. IN 2003, B. LYNCHI FOUND IN POOLS #31, 156, 161 & 210. IN 2005, B. LYNCHI FOUND IN POOLS #116 & 210. LOCATED IN NW1/4 SEC 31 & NE1/4 SEC 36.
Ecological: HABITAT CONSISTS OF A GRASSLAND/VERNAL POOL RESTORATION SITE. LINDERIELLA OCCIDENTALIS ALSO FOUND AT THIS SITE.
General: NONE OBSERVED IN 1997. 10'S - 100'S OBSERVED ON 14 JAN 2002. 10'S OBSERVED IN EACH POOL DURING SURVEYS ON 17 & 23 JAN 2003. 10'S OBSERVED 2 MAR 2005.
Owner/Manager: MOORE RANCH CONSERVANCY

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status
Federal: Threatened
State: None

NDDB Element Ranks
Global: G3
State: S2S3

Other Lists
CDFG Status:

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.
Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 320

Map Index: 48242

EO Index: 48242

— Dates Last Seen —

Occ Rank: Excellent
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 2002-01-10
Site: 2002-01-10

Record Last Updated: 2002-07-15

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84871° / -121.31724°
UTM: Zone-10 N4301333 E646027
Area:
Elevation: 120 ft

Mapping PrecisionNON-SPECIFIC
Symbol TypePOLYGON

Township: 12N
Range: 06E
Section: 33 Qtr: XX
Meridian: M

Location: ORCHARD CREEK CONSERVATION SITE; 6 MILES NORTH OF ROSEVILLE.

Location Detail: 0.8 MILE SOUTH OF MOORE ROAD AND 1.2 MILES EAST OF FIDDYMENT ROAD. BORDERED TO THE SOUTH BY PLEASANT GROVE BLVD AND TO THE EAST BY RAILROAD TRACKS.

Ecological: HABITAT CONSISTS OF NATURALLY OCCURRING VERNAL POOLS, SEASONAL WET SWALES, EMERGENT MARSH, SEASONAL WETLANDS AND INTERMITTANT/SEASONAL STREAMS. MAJORITY OF VERNAL POOLS LOCATED ON SAN JOAQUIN SANDY LOAM AND ALAMO-FIDDYMENT COMPLEX SOILS.

General: 100'S OF ADULTS OBSERVED WITHIN UNKNOWN NUMBER OF POOLS ON 10 JAN 2002. VERNAL POOLS CONCENTRATED THROUGHOUT THIS SITE.

Owner/Manager: PVT-WILDLANDS INC

Occurrence No. 329

Map Index: 48419

EO Index: 48419

— Dates Last Seen —

Occ Rank: Unknown
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 2005-01-10
Site: 2005-01-10

Record Last Updated: 2005-12-28

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76501° / -121.35644°
UTM: Zone-10 N4291982 E642792
Radius: 80 meters
Elevation: 130 ft

Mapping PrecisionSPECIFIC
Symbol TypePOINT

Township: 11N
Range: 06E
Section: 31 Qtr: NW
Meridian: M

Location: 3.5 MILES WNW OF ROSEVILLE; JUST NORTH OF POWER LINES, 0.1 MILE EAST OF FIDDYMENT ROAD.

Location Detail: WOODCREEK WEST WETLAND COMPENSATION AREA, POOLS #17 (2002), #8, #22 (2003), #22 (2005).

Ecological: HABITAT CONSISTS OF CONSTRUCTED AND HISTORIC VERNAL POOLS WITHIN AN ANNUAL GRASSLAND HABITAT; WETLAND COMPENSATION AREA. POOL DEPTH: 15CM. SURROUNDING LAND IS DEVELOPMENT.

General: 10'S OBSERVED ON 18 JAN 2002 IN A POOL CONSTRUCTED IN 1990. ON 17 JAN 2003 10'S OBSERVED IN POOL #8 AND HUNDREDS OBSERVED IN POOL #22. 10 JAN 2005: 10'S OBS IN POOL #22 (FOUND IN 1 OF 22 POOLS SAMPLED).

Owner/Manager: CITY OF ROSEVILLE

Branchinecta lynchi

vernal pool fairy shrimp

Element Code: ICBRA03030

Status

NDDB Element Ranks

Other Lists

Federal: Threatened

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MTNS, AND SOUTH COAST MTNS, IN ASTATIC RAIN-FILLED POOLS.

Micro: INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.

Occurrence No. 412

Map Index: 64328

EO Index: 64407

— Dates Last Seen —

Occ Rank: Good

Element: 2005-02-10

Origin: Natural/Native occurrence

Site: 2005-02-10

Presence: Presumed Extant

Record Last Updated: 2006-03-23

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78444° / -121.36823°

UTM: Zone-10 N4294120 E641729

Radius: 80 meters

Elevation: 90 ft

Township: 11N

Range: 05E

Section: 24

Qtr: XX

Mapping Precision: SPECIFIC

Symbol Type: POINT

Meridian: M

Location: ABOUT 0.6 MILES WNW OF INTERSECTION OF FIDDYMENT AND PHILLIPS ROADS.

Location Detail: POOL #590

Ecological: IN AGRICULTURAL AND RESIDENTIAL AREA.

General: 10S OBSERVED.

Owner/Manager: PVT

Occurrence No. 635

Map Index: 82419

EO Index: 83441

— Dates Last Seen —

Occ Rank: Unknown

Element: 1995-02-06

Origin: Natural/Native occurrence

Site: 1995-03-02

Presence: Presumed Extant

Record Last Updated: 2011-04-29

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76601° / -121.31850°

UTM: Zone-10 N4292153 E646086

Area: 14.0 acres

Elevation: 130 ft

Township: 11N

Range: 06E

Section: 33

Qtr: NW

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Meridian: M

Location: OPEN AREA BETWEEN RESIDENTIAL HOUSING NE OF COUNTRY CLUB DR AT ACTON WAY, CENTERED ABOUT 2.2 MI NW OF ROSEVILLE PO.

Location Detail: 1995: 15 TOTAL WETLANDS SAMPLED BETWEEN PARCELS 32 (EO#635, THIS OCCURRENCE) & 72 (EO#44). PROVIDED MAP GRAPHIC APPEARED SHIFTED WEST OF TRUE LOCATION; MAPPED TO AERIAL IMAGE MATCHING PRESERVED HABITAT.

Ecological: CONSTRUCTED AND SEASONAL HARDPAN VERNAL POOLS WITH NON-NATIVE ANNUAL GRASSLAND.

General: BRANCHINECTA LYNCHI OBSERVED IN CONSTRUCTED VERNAL POOLS SOMETIME BETWEEN 6 FEB AND 2 MAR 1995.

Owner/Manager: CITY OF ROSEVILLE

Buteo swainsoni

Swainson's hawk

Element Code: ABNKC19070

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5

CDFG Status:

State: Threatened

State: S2

Habitat Associations

General: BREEDS IN GRASSLANDS WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH LANDS

Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

Occurrence No. 791

Map Index: 42026

EO Index: 42026

Dates Last Seen

Occ Rank: Fair

Element: 1996-07-01

Origin: Natural/Native occurrence

Site: 1997-XX-XX

Presence: Presumed Extant

Record Last Updated: 1999-12-14

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77076° / -121.34480°

UTM: Zone-10 N4292639 E643792

Radius: 80 meters

Elevation: 125 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 11N

Range: 06E

Section: 30

Qtr: SE

Meridian: M

Location: KASEBERG CREEK, 0.75 MILE EAST OF FIDDYMENT ROAD AND 0.25 MILE NORTH OF PLEASANT GROVE BOULEVARD, EAST SIDE OF ROSEVILLE

Location Detail: NEST TREE IS LOCATED IN WHAT IS NOW THE NORTH EDGE OF AN OPEN SPACE CORRIDOR.

Ecological: HABITAT CONSISTS OF A WOODLAND CORRIDOR ALONG THE CREEK DRAINAGE.

Threat: THREATENED BY THE CONSTRUCTION OF A SUBDIVISION AND GOLF COURSE.

General: NESTING WAS INITIATED IN 1996, DURING GRADING, BUT PRIOR TO CONSTRUCTION, OF HOUSING; 2 YOUNG PRODUCED IN 1996. NEST SITE WAS UNUSED IN 1997, ALTHOUGH NEST TREE IS WITHIN AN OPEN SPACE CORRIDOR.

Owner/Manager: UNKNOWN

Occurrence No. 952

Map Index: 46025

EO Index: 46025

Dates Last Seen

Occ Rank: Good

Element: 2001-06-XX

Origin: Natural/Native occurrence

Site: 2001-06-27

Presence: Presumed Extant

Record Last Updated: 2001-10-03

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.79509° / -121.34800°

UTM: Zone-10 N4295334 E643465

Radius: 80 meters

Elevation: 110 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 11N

Range: 06E

Section: 19

Qtr: N

Meridian: M

Location: ALONG PLEASANT GROVE CREEK, BETWEEN FIDDYMENT ROAD AND BLUE OAKS BOULEVARD, WEST SIDE OF ROSEVILLE

Ecological: NEST TREE WAS A BLUE OAK; SURROUNDING HABITAT CONSISTS OF BLUE OAK WOODLAND GROWING ALONG PLEASANT GROVE CREEK.

Threat: THREATENED BY DEVELOPMENT JUST WEST OF THE NEST SITE.

General: DARK-PHASE ADULT SWHA OBSERVED ON 26 APR 2001; NO NEST FOUND. NEST FOUND BY THOMAS LEEMAN (ESA), AND HE REPORTED THAT AT 2 YOUNG HAD BEEN PRODUCED. BY 27 JUN 2001, WHEN WE RETURNED TO GPS THE NEST, THE YOUNG HAD FLEDGED.

Owner/Manager: UNKNOWN

Occurrence No. 1484

Map Index: 62615

EO Index: 62652

Dates Last Seen

Occ Rank: Unknown

Element: 2001-07-02

Origin: Natural/Native occurrence

Site: 2001-07-02

Presence: Presumed Extant

Record Last Updated: 2005-09-20

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86491° / -121.37009°

UTM: Zone-10 N4303048 E641408

Radius: 80 meters

Elevation: 50 ft

Mapping Precision: SPECIFIC
Symbol Type: POINT

Township: 12N

Range: 05E

Section: 25

Qtr: XX

Meridian: M

Location: 0.2 MILE SOUTH OF MOORE ROAD AND 0.4 MILE EAST OF SOUTH DOWD AVENUE, AUBURN RAVINE, SW OF LINCOLN

Ecological: NEST TREE IS A VALLEY OAK; SURROUNDED BY PASTURE TO THE NE AND NW, AND RIPARIAN TO THE SE AND SW.

General: ACTIVE NEST OBSERVED ON 2 JUL 2001; UNABLE TO SEE INTO NEST TO COUNT CHICKS.

Owner/Manager: UNKNOWN

Chloropyron molle ssp. hispidum

hispid bird's-beak

Element Code: PDSCR0J0D1

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2T2

CNPS List: 1B.1

State: None

State: S2.1

Habitat Associations

General: MEADOWS, PLAYAS, VALLEY AND FOOTHILL GRASSLAND.

Micro: IN DAMP ALKALINE SOILS, ESPECIALLY IN ALKALINE MEADOWS AND ALKALI SINKS WITH DISTICHLIS. 10-155M.

Occurrence No. 11

Map Index: 11763

EO Index: 17846

Dates Last Seen

Occ Rank: Good

Element: 1997-06-18

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Presumed Extant

Record Last Updated: 2011-08-04

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.81335° / -121.26006°

Township: 11N

UTM: Zone-10 N4297502 E651064

Range: 06E

Area: 25.4 acres

Mapping Precision: SPECIFIC

Section: 12

Qtr: SW

Elevation: 150 ft

Symbol Type: POLYGON

Meridian: M

Location: APPROXIMATELY 4 MILES NE OF ROSEVILLE.

Location Detail: WITHIN STANFORD RANCH ALKALI SEEP PRESERVE, SPRING VALLEY. SITE IS NEAR PARK DRIVE AND STANFORD RANCH ROAD INTERSECTION. IN THE SW 1/4 SECTION 12. NEAR 3 SEEPS.

Ecological: SPRING FED ALKALI MEADOW WITH DISTICHLIS SPICATA, SCIRPUS OLNEYI, FRANKENIA GRANDIFOLIA VAR. CAMPESTRIS, CRESSA TRUXILLENSIS, MONERMA CYLINDRICA, AND LIPPIA NODIFLORA. AREA SURROUNDED BY ALAMO VARIANT CLAY, BUT SOIL AT SITE IS UNCLASSIFIED.

Threat: GRAZING REMOVED BY 1991, FILL HAD BEEN DUMPED ON SITE IN 1989; SUBSEQUENTLY REMOVED TO RESOLVE WETLANDS VIOLATIONS.

General: OVER 10,000 PLANTS SEEN IN 1982, 2000-5000 SEEN IN 1989, AND ~2500 IN 1991. ACCORDING TO DAINS, DECLINE IN POP PROBABLY DUE TO WEATHER, NOT MANAGEMENT. SITE FENCED, HABITAT LOOKED GOOD IN LATE SEASON (JUNE) 1997 WINDSHIELD SURVEY.

Owner/Manager: PVT

Downingia pusilla

dwarf downingia

Element Code: PDCAM060C0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2

CNPS List: 2.2

State: None

State: S2

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS.

Micro: VERNAL LAKE AND POOL MARGINS WITH A VARIETY OF ASSOCIATES. IN SEVERAL TYPES OF VERNAL POOLS. 1-485M.

Occurrence No. 33

Map Index: 11696

EO Index: 17398

Dates Last Seen

Occ Rank: Good

Element: 1985-04-19

Origin: Natural/Native occurrence

Site: 1985-04-19

Presence: Presumed Extant

Record Last Updated: 1989-08-11

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.82711° / -121.28884°

UTM: Zone-10 N4296982 E648536

Radius: 1/5 mile

Elevation: 145 ft

Township: 11N

Range: 06E

Section: 03

Qtr: SE

Mapping PrecisionNON-SPECIFIC

Symbol TypePOINT

Meridian: M

Location: 0.75 MILE SOUTH OF THE INTERSECTION OF HIGHWAY 65 AND PLEASANT GROVE ROAD, EAST OF HIGHWAY 65.

Ecological: VERNAL POOL ON CLAYPAN SUBSTRATE. ASSOCIATED WITH DOWNINGIA BICORNUTA, D. ORNATISSIMA, ALLOCARYA STIPITATA MICRANTHA.

Threat: AREA GRAZED, BUT LITTLE DISTURBANCE. PARCEL TO EAST BEING DEVELOPED.

General: MORE THAN 30 PLANTS OBSERVED IN 1985.

Owner/Manager: PVT, CALTRANS

Occurrence No. 36

Map Index: 11732

EO Index: 13217

Dates Last Seen

Occ Rank: None

Element: 1987-04-15

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Possibly Extirpated

Record Last Updated: 1997-08-11

Trend: Decreasing

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76878° / -121.26884°

UTM: Zone-10 N4292541 E650396

Radius: 1/5 mile

Elevation: 210 ft

Township: 11N

Range: 06E

Section: 26

Qtr: SE

Mapping PrecisionNON-SPECIFIC

Symbol TypePOINT

Meridian: M

Location: NE OF ROSEVILLE AND SW OF ROCKLIN POWER LINE.

Ecological: VERNAL POOL ON INKS-EXCHEQUER SOILS. ASSOCIATED WITH ALLOCARYA STIPITATA MICRANTHA, ALOPECURUS HOWELLII, LASTHENIA CHRYSOSTOMA, AND ERYNGIUM VASEYI.

Threat: SITE GRAZED AND RUTTED BY VEHICLE TRACKS. ROSEVILLE PLANS TO RETAIN AS URBAN RESERVE, BUT DEVELOPMENT SURROUNDS.

General: 1000-1500 PLANTS IN 1987. THIS AREA WAS GRADED WHEN VISITED IN 1997. SITE IS NOW LOCATED SOUTH OF ROSEVILLE PARKWAY AT DIAMOND OAKS ROAD.

Owner/Manager: UNKNOWN

Occurrence No. 37

Map Index: 11676

EO Index: 17396

Dates Last Seen

Occ Rank: None

Element: 1987-04-15

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Extirpated

Record Last Updated: 1997-08-11

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78878° / -121.29828°

UTM: Zone-10 N4294713 E647796

Radius: 1/5 mile

Elevation: 135 ft

Township: 11N

Range: 06E

Section: 22

Qtr: NW

Mapping PrecisionNON-SPECIFIC

Symbol TypePOINT

Meridian: M

Location: NORTH OF ROSEVILLE, EAST OF HIGHWAY 65, 2500 FEET EAST OF HIGHWAY 65 / HIGHWAY 65 BYPASS JUNCTION.

Ecological: SHALLOW VERNAL POOLS ON COMETA-FIDDYMENT SOILS COMPLEX. ASSOCIATED WITH ALLOCARYA STIPITATA MICRANTHA, CRASULA AQUATICA, DOWNINGIA ORNATISSIMA, AND GRATIOLA EBRACTEATA.

Threat: SITE GRAZED. THREATENED BY INDUSTRIAL PARK DEVELOPMENT TO SOUTHEAST.

General: MORE THAN 7000 PLANTS IN THREE VERNAL POOLS IN 1987. SITE WAS GRADED WHEN VISITED IN 1997. PLANTS PRESUMED EXTIRPATED.

Owner/Manager: UNKNOWN

Downingia pusilla

dwarf downingia

Element Code: PDCAM060C0

Status

NDDB Element Ranks

Other Lists

Federal: None
State: None

Global: G2
State: S2

CNPS List: 2.2

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS.

Micro: VERNAL LAKE AND POOL MARGINS WITH A VARIETY OF ASSOCIATES. IN SEVERAL TYPES OF VERNAL POOLS. 1-485M.

Occurrence No. 60

Map Index: 26041

EO Index: 5230

Dates Last Seen

Occ Rank: Excellent
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 1990-04-14
Site: 1990-04-14

Record Last Updated: 1994-08-08

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85815° / -121.30393°

UTM: Zone-10 N4302402 E647162

Area: 10.1 acres

Elevation: 130 ft

Township: 12N

Range: 06E

Section: 28

Meridian: M

Qtr: SE

Mapping Precision: SPECIFIC
Symbol Type: POLYGON

Location: BETWEEN HIGHWAY 65 AND INDUSTRIAL BLVD NORTH OF ORCHARD CREEK, 2.2 MILES SOUTH OF LINCOLN.

Location Detail: MAPPED ABOUT 0.6 AIR MILE SSW OF THE LINCOLN RODEO GROUNDS. WITHIN THE NE 1/4 OF THE SE 1/4 OF SECTION 28 AND THE NW 1/4 OF THE SW 1/4 OF SECTION 27.

Ecological: NORTHERN CLAYPAN VERNAL POOLS ON SAN JOAQUIN SOIL SERIES AND NORTHERN VOLCANIC MUDFLOW VERNAL POOLS ON EXCHEQUER SERIES SOILS. ASSOCIATED WITH PLAGIOBOTHRYX STIPITATUS, DOWNINGIA BICORNUTA, LASTHENIA FREMONTII, NAVARRETTIA LEUCOCEPHALA, ETC.

Threat: SITE IS CURRENTLY GRAZED BY CATTLE. GENERAL AREA IS BEING DEVELOPED RAPIDLY.

General: MORE THAN 1000 PLANTS OBSERVED IN 1989. 237 PLANTS OBSERVED IN 1990. SITE HAS MANY LARGE POOLS, SWALES AND VERNAL FLATS. SAN JOAQUIN SERIES AND MUDFLOW POOLS BOTH PRESENT. AREA SHOULD BE EVALUATED FOR REGIONAL POOL PRESERVE.

Owner/Manager: PVT

Occurrence No. 97

Map Index: 43402

EO Index: 43402

Dates Last Seen

Occ Rank: Good
Origin: Natural/Native occurrence
Presence: Presumed Extant
Trend: Unknown

Element: 2000-04-12
Site: 2000-04-12

Record Last Updated: 2000-08-10

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.79212° / -121.36556°

UTM: Zone-10 N4294977 E641946

Area: 1.8 acres

Elevation: 95 ft

Township: 11N

Range: 05E

Section: 24

Meridian: M

Qtr: NE

Mapping Precision: SPECIFIC
Symbol Type: POLYGON

Location: JUST WEST OF CONFLUENCE OF KASEBERG CREEK AND PLEASANT GROVE CREEK, NORTHWEST OF ROSEVILLE.

Location Detail: MAPPED IN SINGLE POOL ABOUT 0.35 MILE WEST OF ELBOW IN FIDDYMENT ROAD. WITHIN THE NW 1/4 NE 1/4 SECTION 24.

Ecological: VERNAL POOLS DOMINATED BY PLAGIOBOTHRYX STIPITATUS, POGOGYNE ZIZIPHOROIDES, PSILOCARPHUS BREVISSIMUS, NAVARETTIA LEUCOCEPHALA, AND HORDEUM MURINUM SSP. GOSSONEANUM.

Threat: SITE IS GRAZED AND RECEIVES RUNOFF FROM ADJACENT HOUSING. AREA IS SLATED FOR DEVELOPMENT.

General: UNKNOWN NUMBER OF PLANTS OBSERVED IN SINGLE POOL IN 2000.

Owner/Manager: PVT

Downingia pusilla

dwarf downingia

Element Code: PDCAM060C0

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G2	CNPS List: 2.2
State: None	State: S2	

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS.

Micro: VERNAL LAKE AND POOL MARGINS WITH A VARIETY OF ASSOCIATES. IN SEVERAL TYPES OF VERNAL POOLS. 1-485M.

Occurrence No. 98	Map Index: 43406	EO Index: 43406	Dates Last Seen
Occ Rank: Good			Element: 2000-04-12
Origin: Natural/Native occurrence			Site: 2000-04-12
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-08-10

Quad Summary: Roseville (3812173/528D), Pleasant Grove (3812174/528C)

County Summary: Placer

Lat/Long: 38.79160° / -121.37589°	UTM: Zone-10 N4294903 E641050	Area: 7.1 acres	Elevation: 90 ft	Mapping Precision SPECIFIC	Symbol Type POLYGON	Township: 11N	Range: 05E	Section: 24	Meridian: M	Qtr: NW
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Location: ABOUT 0.7 MILE WEST OF CONFLUENCE OF KASEBERG CREEK AND PLEASANT GROVE CREEK, NORTHWEST OF ROSEVILLE.

Location Detail: FOUR POOLS MAPPED WITHIN THREE POLYGONS AT CNDDb, ABOUT 1 MILE WEST OF ELBOW IN FIDDYMENT ROAD. POOLS ARE WITHIN THE WEST HALF OF THE NW 1/4 OF SECTION 24.

Ecological: VERNAL POOLS DOMINATED BY PLAGIOBOTHRY'S STIPITATUS, POGOGYNE ZIZIPHOROIDES, PSILOCARPHUS BREVISSIMUS, NAVARETTIA LEUCOCEPHALA, AND HORDEUM MURINUM SSP. GOSSONEANUM.

Threat: SITE IS GRAZED AND RECEIVES RUNOFF FROM ADJACENT HOUSING. AREA IS SLATED FOR DEVELOPMENT.

General: UNKNOWN NUMBER OF PLANTS OBSERVED IN FOUR POOLS IN 2000.

Owner/Manager: PVT

Occurrence No. 99	Map Index: 43407	EO Index: 43407	Dates Last Seen
Occ Rank: Good			Element: 2000-04-12
Origin: Natural/Native occurrence			Site: 2000-04-12
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2011-09-14

Quad Summary: Roseville (3812173/528D), Pleasant Grove (3812174/528C)

County Summary: Placer

Lat/Long: 38.78170° / -121.37450°	UTM: Zone-10 N4293806 E641190	Area: 3.8 acres	Elevation: 100 ft	Mapping Precision SPECIFIC	Symbol Type POLYGON	Township: 11N	Range: 05E	Section: 24	Meridian: M	Qtr: SW
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Location: ABOUT 1 MILE SOUTHWEST OF CONFLUENCE OF KASEBERG CREEK AND PLEASANT GROVE CREEK, NORTHWEST OF ROSEVILLE.

Location Detail: TWO POOLS MAPPED BY CNDDb; JUST NORTH OF PHILIP ROAD ABOUT 0.9 MILE WEST OF FIDDYMENT ROAD. POOLS ARE WITHIN THE SW 1/4 SW 1/4 SECTION 24.

Ecological: VERNAL POOLS DOMINATED BY PLAGIOBOTHRY'S STIPITATUS, POGOGYNE ZIZYPHOROIDES, PSILOCARPHUS BREVISSIMUS, NAVARRETTIA LEUCOCEPHALA, AND HORDEUM MURINUM SSP. GOSSONEANUM.

Threat: SITE IS GRAZED AND RECEIVES RUNOFF FROM ADJACENT HOUSING. AREA IS SLATED FOR DEVELOPMENT.

General: UNKNOWN NUMBER OF PLANTS OBSERVED IN 2000. 2010 AERIAL PHOTO SHOWS DEVELOPMENT AT SOUTHERN POOL; SOUTHERN COLONY IS PROBABLY EXTIRPATED.

Owner/Manager: PVT

Downingia pusilla

dwarf downingia

Element Code: PDCAM060C0

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2

CNPS List: 2.2

State: None

State: S2

Habitat Associations

General: VALLEY AND FOOTHILL GRASSLAND (MESIC SITES), VERNAL POOLS.

Micro: VERNAL LAKE AND POOL MARGINS WITH A VARIETY OF ASSOCIATES. IN SEVERAL TYPES OF VERNAL POOLS. 1-485M.

Occurrence No. 110

Map Index: 50379

EO Index: 50379

Dates Last Seen

Occ Rank: Excellent

Element: 2002-05-03

Origin: Natural/Native occurrence

Site: 2002-05-03

Presence: Presumed Extant

Record Last Updated: 2011-09-14

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85082° / -121.32974°

Township: 12N

UTM: Zone-10 N4301547 E644938

Range: 06E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 32

Qtr: NE

Elevation: 118 ft

Symbol Type: POINT

Meridian: M

Location: NORTH SIDE OF ORCHARD CREEK, 3 MILES SW OF LINCOLN, 1.4 MILES NW OF INDUSTRIAL AVE AT ATHENS AVE, NORTH OF ROSEVILLE.

Location Detail: MAPPED WITHIN THE NW 1/4 OF THE NE 1/4 OF SECTION 32.

Ecological: LARGE VERNAL POOLS WITH DOWNINGIA BICORNUTA, LASTHENIA FREMONTII, PSILOCARPHUS BREVISSIMUS, GRATIOLA EBRACTEATA, AND PLAGIOBOTHRYIS STIPITATUS. LEGENERE LIMOSA ALSO PRESENT.

Threat: LIGHT GRAZING.

General: FEWER THAN 100 PLANTS OBSERVED IN 2002 IN TWO POOLS, LIKELY TO OCCUR IN OTHER ADJACENT POOLS AS WELL. WITHIN CONSERVATION BANK.

Owner/Manager: PVT-WILDLANDS INC

Elanus leucurus

white-tailed kite

Element Code: ABNKC06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5

CDFG Status:

State: None

State: S3

Habitat Associations

General: ROLLING FOOTHILLS AND VALLEY MARGINS WITH SCATTERED OAKS & RIVER BOTTOMLANDS OR MARSHES NEXT TO DECIDUOUS WOODLAND.

Micro: OPEN GRASSLANDS, MEADOWS, OR MARSHES FOR FORAGING CLOSE TO ISOLATED, DENSE-TOPPED TREES FOR NESTING AND PERCHING.

Occurrence No. 56

Map Index: 42671

EO Index: 42671

Dates Last Seen

Occ Rank: Good

Element: 1998-07-XX

Origin: Natural/Native occurrence

Site: 1999-XX-XX

Presence: Presumed Extant

Record Last Updated: 2000-03-30

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78150° / -121.32739°

Township: 11N

UTM: Zone-10 N4293858 E645282

Range: 06E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 20

Qtr: SE

Elevation: 125 ft

Symbol Type: POINT

Meridian: M

Location: ON THE WEST SIDE OF THE SOUTH BRANCH OF PLEASANT GROVE CREEK, BETWEEN FOOTHILLS BLVD AND WOODCREEK OAKS BLVD, ROSEVILLE.

Location Detail: SITE IS LOCATED ALONG THE BORDER BETWEEN WOODCREEK GOLF COURSE AND HEWLETT-PACKARD.

Ecological: HABITAT CONSISTS OF RIPARIAN/OAK WOODLAND, DOMINATED BY BLUE OAKS AND INTERIOR LIVE OAKS.

Threat: THREATENED BY ENCROACHING DEVELOPMENT ALONG WOODCREEK OAKS BLVD.

General: SITE WAS VISITED WEEKLY, MAR-JUL 1998; ADULT COURTSHIP TO 5 BEGGING FLEDGLINGS OBSERVED. KITES DID NOT NEST AT THIS LOCATION IN 1999, POSSIBLY DUE TO BOTH GREAT HORNED OWLS AND AMERICAN KESTRELS NESTING NEARBY.

Owner/Manager: PVT-HEWLETT PACKARD

Gratiola heterosepala			
Boggs Lake hedge-hyssop		Element Code: PDSCR0R060	
Status		NDDB Element Ranks	
Federal: None	Global: G2	Other Lists	
State: Endangered	State: S2	CNPS List: 1B.2	
Habitat Associations			
General: MARSHES AND SWAMPS (FRESHWATER), VERNAL POOLS.			
Micro: CLAY SOILS; USUALLY IN VERNAL POOLS, SOMETIMES ON LAKE MARGINS. 5-2400M.			
Occurrence No. 16	Map Index: 11749	EO Index: 7258	Dates Last Seen
Occ Rank: None	Origin: Natural/Native occurrence	Element: 1987-04-22	Site: 1997-06-18
Presence: Extirpated	Trend: Unknown	Record Last Updated: 2011-01-18	
Quad Summary: Roseville (3812173/528D)			
County Summary: Placer			
Lat/Long: 38.76720° / -121.26365°		Township: 11N	
UTM: Zone-10 N4292374 E650850		Range: 06E	
Area: 6.4 acres	Mapping Precision: SPECIFIC	Section: 25	Qtr: SW
Elevation: 230 ft	Symbol Type: POLYGON	Meridian: M	
Location: NORTH OF ROSEVILLE, WEST OF ANTELOPE CREEK, WSW OF ROCKLIN.			
Location Detail: THIS VERNAL POOL COMPLEX IS THE BEST EXAMPLE OF VOLCANIC MUDFLOW VERNAL POOLS IN ROSEVILLE (STROMBERG 1987). INCLUDES FORMER OCCURRENCE #17.			
Ecological: NORTHERN HARDPAN VERNAL POOL ON EXCHEQUER VERY STONY LOAM SOIL. ASSOCIATED VEGETATION INCLUDES ERYNGIUM VASEYI, ALLOCARYA STIPATATA MICRANTHA, CALLITRICHE LONGIPEDUNCULATA, DOWNINGIA ORNATISSIMA, ISOETES SP, GRATIOLA EBRACTEATA, ETC.			
Threat: AREA GRAZED AND PROPOSED FOR REGIONAL SHOPPING CENTER. 2009 AERIAL IMAGERY SHOWS SITE EXTIRPATED BY DEVELOPMENT.			
General: OVER 40 PLANTS IN 2 SUBPOPULATIONS IN 1987. NOT OBSERVED IN 1997 (TOO LATE IN YEAR?). DEVELOPMENT IMMINENT IN 1997; ROSEVILLE BLVD EXPANSION HAS/WILL PROBABLY WIPE OUT MOST OF THIS OCCURRENCE. 2009 AERIAL IMAGERY SHOWS SITE EXTIRPATED.			
Owner/Manager: PVT			

Hydrochara rickseckeri

Ricksecker's water scavenger beetle

Element Code: IICOL5V010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1G2

CDFG Status:

State: None

State: S1S2

Habitat Associations

General: AQUATIC.

Micro:

Occurrence No. 11

Map Index: 60753

EO Index: 60789

Dates Last Seen

Occ Rank: Unknown

Element: XXXX-XX-XX

Origin: Natural/Native occurrence

Site: XXXX-XX-XX

Presence: Presumed Extant

Record Last Updated: 2005-03-30

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85443° / -121.28928°

Township: 12N

UTM: Zone-10 N4302013 E648441

Range: 06E

Radius: 4/5 mile

Mapping PrecisionNON-SPECIFIC

Section: 27

Qtr: XX

Elevation: 140 ft

Symbol TypePOINT

Meridian: M

Location: TWELVE BRIDGES PRESERVE, SOUTH OF LINCOLN.

Location Detail: PRESERVE IS WEST AND SOUTH OF TWELVE BRIDGES HOUSING DEVELOPMENTS; MAPPED FROM APPROXIMATE LOCATION OF TWELVE BRIDGES ROAD.

General: ROGERS SAYS THAT THE POOL THE BEETLE WAS COLLECTED IN WAS DESTROYED WHEN THE DEVELOPMENT WAS BUILT, BUT THAT THE SPECIES ALSO OCCURS IN THE ADJACENT PRESERVE.

Owner/Manager: UNKNOWN

Juncus leiospermus* var. *leiospermus

Red Bluff dwarf rush

Element Code: PMJUN011L2

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G2T2

CNPS List: 1B.1

State: None

State: S2.2

Habitat Associations

General: CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLANDS, VERNAL POOLS.

Micro: VERNALLY MESIC SITES. SOMETIMES ON EDGES OF VERNAL POOLS. 30-1020M.

Occurrence No. 10

Map Index: 11642

EO Index: 22188

Dates Last Seen

Occ Rank: Unknown

Element: 1982-04-28

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Presumed Extant

Record Last Updated: 2003-04-08

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.80377° / -121.31189°

Township: 11N

UTM: Zone-10 N4296354 E646583

Range: 06E

Radius: 1/5 mile

Mapping Precision: NON-SPECIFIC

Section: 16

Qtr: NE

Elevation: 110 ft

Symbol Type: POINT

Meridian: M

Location: APPROX 0.5 MI N OF SCOW RD INDUSTRIAL BLVD, ROSEVILLE.

Location Detail: WEST OF RR TRACKS, SOUTH OF INDUSTRIAL WASTE PONDS AND EAST OF A POWERLINE.

Ecological: MARGINS OF VERNAL POOLS, LARGELY ON KILAGA LOAM SOILS.

Threat: THREATS INCLUDE HOUSING OR LIGHT INDUSTRY DEVELOPMENT.

General: NO PLANTS SEEN IN 1997 WINDSHIELD SURVEY; HABITAT APPEARED INTACT. WITHAM CONSIDERS THIS SITE TO BE ERROUNEOUS; IT IS WELL OUTSIDE THE REPORTED RANGE OF THIS SPECIES. IT MAY BE VAR. AHARTII OR A MISIDENTIFICATION. NEEDS FIELDWORK.

Owner/Manager: PVT

Legenere limosa

legeners

Status

NDDB Element Ranks

Element Code: PDCAM0C010

Other Lists

Federal: None

Global: G2

CNPS List: 1B.1

State: None

State: S2.2

Habitat Associations

General: VERNAL POOLS. MANY HISTORICAL OCCURRENCES ARE EXTIRPATED.

Micro: IN BEDS OF VERNAL POOLS. 1-880M.

Occurrence No. 11

Map Index: 11680

EO Index: 28357

Dates Last Seen

Occ Rank: Unknown

Element: 1984-04-XX

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Presumed Extant

Record Last Updated: 1997-08-11

Trend: Decreasing

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.81155° / -121.29521°

Township: 11N

UTM: Zone-10 N4297245 E648016

Range: 06E

Area: 58.7 acres

Mapping PrecisionSPECIFIC

Section: 10

Qtr: SW

Elevation: 120 ft

Symbol TypePOLYGON

Meridian: M

Location: N TRIBUTARY OF PLEASANT GROVE CREEK, N OF PLEASANT GROVE CREEK, S OF PLACER BLVD, E OF HWY 65.

Ecological: VERNAL POOL AREA ON FLOODPLAIN OF INTERMITTENT STREAM.

Threat: PART OF AREA PLANNED FOR INDUSTRIAL PARK USE (AREA GRADED IN 1983). GRAVEL PIT TO SOUTH.

General: ABOUT 200 PLANTS IN 1984. NONE FOUND IN 1997 (TOO LATE IN SEASON). THE NORTHERN POOLS WHICH WERE MAPPED HERE IN 1984 APPEAR TO BE EXTIRPATED. S POOLS UNDISTURBED IN 1997.

Owner/Manager: PVT

Occurrence No. 14

Map Index: 11739

EO Index: 17380

Dates Last Seen

Occ Rank: None

Element: 1984-04-05

Origin: Natural/Native occurrence

Site: 1997-06-18

Presence: Extirpated

Record Last Updated: 1997-08-11

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.81156° / -121.26800°

Township: 11N

UTM: Zone-10 N4297290 E650379

Range: 06E

Radius: 1/5 mile

Mapping PrecisionNON-SPECIFIC

Section: 11

Qtr: SE

Elevation: 150 ft

Symbol TypePOINT

Meridian: M

Location: FLOODPLAIN OF PLEASANT GROVE CREEK, APPROX 2.2 AIR MILES E OF JCT PLACER BLVD & SPRR TRACKS.

Location Detail: WHEN VISITED IN 1997, WHAT APPEARS TO BE DEDICATED OPEN SPACE WAS SEEN JUST TO THE EAST OF MAPPED LOCATION FOR THIS SITE. FUTURE SURVEYS SHOULD TARGET THIS AREA.

Ecological: VERNAL POOL AREA IN FLOODPLAIN OF INTERMITTENT STREAM. ASSOCIATED WITH RANUNCULUS BONARIENSIS TRISEPALUS.

General: ABOUT 100 PLANTS IN 1984. WINDSHIELD SURVEY CONDUCTED IN 1997 TO CONFIRM PRESENCE OR ABSENCE OF HABITAT; IF MAPS ARE ACCURATE, THIS SITE IS NOW UNDER THE PAVEMENT AT DEVON DR, FARRIER RD & RACHEL CT IN THE STANFORD RANCH SUBDIVISION.

Owner/Manager: PVT

Occurrence No. 58

Map Index: 48978

EO Index: 48978

Dates Last Seen

Occ Rank: Good

Element: 2002-05-03

Origin: Natural/Native occurrence

Site: 2002-05-03

Presence: Presumed Extant

Record Last Updated: 2010-04-29

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85079° / -121.32824°

Township: 12N

UTM: Zone-10 N4301546 E645068

Range: 06E

Area: 7.3 acres

Mapping PrecisionSPECIFIC

Section: 32

Qtr: NE

Elevation: 118 ft

Symbol TypePOLYGON

Meridian: M

Location: NORTH SIDE OF ORCHARD CREEK, 1.4 MILES NW OF INTERSECTION OF INDUSTRIAL AND ATHENS AVE, 3 MILES SOUTHWEST OF LINCOLN.

Location Detail: MAPPED WITHIN THE NW 1/4 OF THE NE 1/4 OF SECTION 32.

Ecological: SCATTERED MARGINS OF LARGE VERNAL POOL WITH PLAGIOBOTHRYX UNDULATUS, P. STIPITATUS, LASTHENIA FREMONTII, L. GLABERRIMA, DOWNINGIA BICORNUTA, NAVARRETTIA LEUCOCEPHALA, AND CALLITRICHE MARGINATA.

Threat: LIGHT DISTURBANCE FROM GRAZING.

General: IN 2002 HUNDREDS OF PLANTS OBSERVED IN FOUR POOLS; LIKELY TO OCCUR IN OTHER ADJACENT POOLS.

Owner/Manager: PVT-WILDLANDS INC

Lepidurus packardii

vernal pool tadpole shrimp

Element Code: ICBRA10010

Status

NDDB Element Ranks

Other Lists

Federal: Endangered

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: INHABITS VERNAL POOLS AND SWALES IN THE SACRAMENTO VALLEY CONTAINING CLEAR TO HIGHLY TURBID WATER.

Micro: POOLS COMMONLY FOUND IN GRASS BOTTOMED SWALES OF UNPLOWED GRASSLANDS. SOME POOLS ARE MUD-BOTTOMED & HIGHLY TURBID.

Occurrence No. 24

Map Index: 32457

EO Index: 1900

Dates Last Seen

Occ Rank: Unknown

Element: 1995-02-09

Origin: Natural/Native occurrence

Site: 1995-02-09

Presence: Presumed Extant

Record Last Updated: 1997-03-04

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76950° / -121.32354°

Township: 11N

UTM: Zone-10 N4292533 E645642

Range: 06E

Radius: 1/5 mile

Mapping PrecisionNON-SPECIFIC

Section: 29

Qtr: SE

Elevation: 130 ft

Symbol Type:POINT

Meridian: M

Location: BETWEEN KASEBERG CREEK & SOUTH BRANCH PLEASANT GROVE CREEK; 1.8 KM WEST OF SOUTHERN PACIFIC RR X HWY 65.

Location Detail: WOODCREEK OAKS MITIGATION SITES. 14 WATER BODIES WERE SAMPLED ON FEB 9, 10, 27 & MARCH 14, 1995. LEPIDURUS PACKARDI FOUND IN ONLY 1 POOL & ONLY ON 2/9/95. SUGNET OBSERVED TADPOLE SHRIMP IN A MANMADE VERNAL POOL SOMEWHERE IN SEC 29 ON 2/4/93

Ecological: HARDPAN VERNAL POOL IN ANNUAL NON-NATIVE GRASSLAND. ON 2/9/95 THE SURFACE AREA WAS 129 SQ METERS & THE WATER DEPTH WAS 16 CM. WETLAND COMPENSATION/MITIGATION PRESERVE. ALSO, A MANMADE VERNAL POOL SOMEWHERE IN SEC 29.

General: POOL #C2: 50+ ADULTS OBSERVED; 3 ADULTS COLLECTED & DEPOSITED IN CAS. THE INFORMATION PROVIDED BY THE CONSULTANT HAS CONFLICTING DATA ON THE LOCATION OF THIS POOL; THIS SITE WAS MAPPED ACCORDING TO THE MAP THEY PROVIDED, NOT THE T-R-S GIVEN

Owner/Manager: PVT-SARES REGIS GROUP

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3	CDFG Status:
State: None	State: S2S3	

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 90	Map Index: 32457	EO Index: 1898	Dates Last Seen
Occ Rank: Unknown			Element: 1995-02-09
Origin: Natural/Native occurrence			Site: 1995-02-09
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1995-10-11

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.76950° / -121.32354°	Township: 11N
UTM: Zone-10 N4292533 E645642	Range: 06E
Radius: 1/5 mile	Section: 29
Elevation: 130 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: SE
Symbol Type: POINT	

Location: BETWEEN KASEBERG CREEK & SOUTH BRANCH PLEASANT GROVE CREEK; 1.8 KM WEST OF SOUTHERN PACIFIC RR X HWY 65.

Location Detail: 14 WATER BODIES WERE SAMPLED ON 2/9, 10, 27 & 3/14/95. LINDERIELLA WAS FOUND IN THIS POOL & 2 OTHERS ON 2/9/95. IN 5 POOLS ON 2/10, IN 1 POOL ON 2/27 & 1 POOL ON 3/14/95. THE LOCATIONS OF THE OTHER POOLS WAS NOT GIVEN.

Ecological: HARDPAN VERNAL POOL IN ANNUAL NON-NATIVE GRASSLAND. ON 2/9/95 THE SURFACE AREA WAS 129 SQ METERS & THE DEPTH WAS 16 CM. WETLAND COMPENSATION/MITIGATION PRESERVE.

General: POOL #C2: >50 ADULTS OBSERVED. ALSO FOUND IN POOLS 49, C1, 06, 26, E2, N2, 102, 15, & 30. THE INFORMATION PROVIDED BY THE CONSULTANT HAS CONFLICTING DATA ON LOCATION OF THIS POOL; SITE WAS MAPPED ACCORDING TO THEIR MAP, NOT THEIR T-R-S.

Owner/Manager: PVT-SARES REGIS GROUP

Occurrence No. 111	Map Index: 32456	EO Index: 4988	Dates Last Seen
Occ Rank: Fair			Element: 1997-02-25
Origin: Natural/Native occurrence			Site: 1997-02-25
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2011-07-08

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.76087° / -121.33772°	Township: 11N
UTM: Zone-10 N4291553 E644427	Range: 06E
Area: 44.0 acres	Section: 32
Elevation: 120 ft	Meridian: M
Mapping Precision: SPECIFIC	Qtr: NW
Symbol Type: POLYGON	

Location: SILVERADO OAKS MITIGATION SITE, NW OF THE WOODCREEK OAKS BLVD & JUNCTION BLVD JCT, ABOUT 3 MI WNW OF ROSEVILLE PO.

Location Detail: 1995: 15 TOTAL WETLANDS SAMPLED BETWEEN PARCELS 32 (EO#390) & 72 (EO#111, THIS OCCURRENCE). 1996: 10 SAMPLED. 1997: 13 SAMPLED. PROVIDED MAP GRAPHIC APPEARED SHIFTED WEST OF TRUE LOCATION; MAPPED TO AERIAL IMAGE MATCHING PRESERVED HABITAT.

Ecological: CONSTRUCTED AND SEASONAL HARDPAN VERNAL POOLS WITHIN NON-NATIVE ANNUAL GRASSLAND. BRANCHINECTA LYNCHI ALSO OBSERVED IN AREA IN 1995, BUT NOT IN 1996 OR 1997.

General: 1995: UNKNOWN NUMBERS OF LINDERIELLA OBSERVED IN CONSTRUCTED POOLS IN PARCELS 32 & 72. 1996: >50 ADULTS OBSERVED IN CONSTRUCTED POOLS (VP106 & VP108). 1997: 10'S OBSERVED IN HVE & VP107, 1000'S OBSERVED IN VP106.

Owner/Manager: CITY OF ROSEVILLE

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status
 Federal: None
 State: None

NDDB Element Ranks
 Global: G3
 State: S2S3

Other Lists
 CDFG Status:

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.
Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 142

Map Index: 34814

EO Index: 1863

— Dates Last Seen —

Occ Rank: Unknown

Element: 2005-01-26

Origin: Natural/Native occurrence

Site: 2005-01-26

Presence: Presumed Extant

Record Last Updated: 2006-03-27

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.80283° / -121.30587°

UTM: Zone-10 N4296259 E647108

Area:

Mapping Precision: NON-SPECIFIC

Township: 11N

Range: 06E

Section: 16

Qtr: XX

Elevation: 100 ft

Symbol Type: POLYGON

Meridian: M

Location: NORTH OF ROSEVILLE; WEST OF HWY 65, SOUTH OF PLEASANT GROVE CREEK AND 0.8 KM NORTH OF SCOW ROAD.

Location Detail: FOOTHILL BUSINESS PARK MITIGATION SITE, PARCELS 1, 6. POOL LOCATIONS NOT GIVEN FOR LINDERIELLA OCCIDENTALIS. 1995:12 POOLS SURVEYED. 1996:14 POOLS SURVEYED. 1998:13 POOLS SAMPLED. 2003:4 POOLS SAMPLED, OBS IN POOL 8. 2005: 10 POOLS SAMPLED

Ecological: CONSTRUCTED AND HISTORIC WETLANDS (VERNAL POOLS, SEASONAL WETLANDS) ARE INTERSPERSED WITHIN NON-NATIVE ANNUAL GRASSLAND.

General: 1995:NONE OBS. 1/30/1996: 50+ ADULTS IN 4 POOLS. 3/11/1996: 50+ ADULTS IN 2 POOLS. 1/14/97:OBS IN 12 POOLS. 1/13/98:100S IN 2 POOLS. 3/2/98:1000S IN 5 POOLS. 01/27/05:1000'S IN POOL 16, 100'S IN POOL 26. 2006:1000S IN POOL 18.

Owner/Manager: PVT-STANFORD RANCH

Occurrence No. 143

Map Index: 34815

EO Index: 29309

— Dates Last Seen —

Occ Rank: Unknown

Element: 1996-02-05

Origin: Natural/Native occurrence

Site: 1996-04-29

Presence: Presumed Extant

Record Last Updated: 1996-09-06

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.79360° / -121.32161°

UTM: Zone-10 N4295210 E645760

Area:

Mapping Precision: NON-SPECIFIC

Township: 11N

Range: 06E

Section: 21

Qtr: NW

Elevation: 125 ft

Symbol Type: POLYGON

Meridian: M

Location: NNW OF ROSEVILLE; 1.8 KM SOUTHWEST OF SOUTHERN PACIFIC RR X PLEASANT GROVE CREEK.

Location Detail: HEWLETT PACKARD-90 ACRE PARCEL. 1995 AND 1996: TOTAL OF 103 WATERBODIES SURVEYED EACH YEAR.

Ecological: SEASONAL WATERBODIES WITHIN NON-NATIVE ANNUAL GRASSLAND.

General: 1995: LINDERIELLA OBSERVED IN 8 POOLS (#10, 16, 29, 59, 65, 69, 76 & 78) BETWEEN 12/22/1994 AND 3/7/1995. 1996: LINDERIELLA OBSERVED IN 3 POOLS (#10, 16 & 29) BETWEEN 12/26/1995 AND 2/5/1996.

Owner/Manager: PVT-HEWLETT PACKARD

Occurrence No. 145

Map Index: 34816

EO Index: 5003

— Dates Last Seen —

Occ Rank: Unknown

Element: 1996-04-02

Origin: Natural/Native occurrence

Site: 1996-04-29

Presence: Presumed Extant

Record Last Updated: 1996-07-16

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78594° / -121.32498°

UTM: Zone-10 N4294354 E645483

Area:

Mapping Precision: NON-SPECIFIC

Township: 11N

Range: 06E

Section: 20

Qtr: SE

Elevation: 115 ft

Symbol Type: POLYGON

Meridian: M

Location: NORTHWEST OF ROSEVILLE; 2.0 KM NORTHWEST OF HWY 65 X INDUSTRIAL BLVD.

Location Detail: HEWLETT PACKARD-210 ACRE PROPERTY. 1996: TOTAL OF 43 WATERBODIES SURVEYED.

Ecological: SEASONAL WATERBODIES (VERNAL POOLS, SEASONAL WETLANDS) WITHIN NON-NATIVE ANNUAL GRASSLAND.

General: 1996: 50+ ADULTS OBSERVED IN 6 POOLS (148, 149, 150, 151, 152 & 153), AND <50 ADULTS OBSERVED IN POOL #129.

Owner/Manager: PVT-HEWLETT PACKARD

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: SEASONAL POOLS IN UNPLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 146

Map Index: 34817

EO Index: 3450

Dates Last Seen

Occ Rank: Unknown

Element: 1998-03-02

Origin: Natural/Native occurrence

Site: 1998-03-02

Presence: Presumed Extant

Record Last Updated: 2011-04-22

Trend: Unknown

Quad Summary: Lincoln (3812183/528A), Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86272° / -121.32379°

Township: 12N

UTM: Zone-10 N4302877 E645430

Range: 06E

Area: 218.8 acres

Mapping Precision: SPECIFIC

Section: 29

Qtr: XX

Elevation: 125 ft

Symbol Type: POLYGON

Meridian: M

Location: LARGE AREA W OF HWY 65 (NOW BISECTED BY NEW HWY 65 ROUTE) AND S OF AUBURN RAVINE, CENTERED 1.7 MI SW LINCOLN PO.

Location Detail: LINCOLN CROSSING MITIGATION SITE. COVERS PORTIONS OF SEVERAL SECTIONS. 1995: 10 TOTAL WATERBODIES SURVEYED. 1996: 42 TOTAL WATERBODIES SURVEYED. 1997: 49 TOTAL WATERBODIES SURVEYED. 1998: 20 TOTAL WATERBODIES SURVEYED.

Ecological: SEASONALLY INUNDATED WATERBODIES (VERNAL POOLS, SEASONAL WETLANDS) W/IN NON-NATIVE ANNUAL GRASSLAND. WETLAND COMPENSATION/MITIGATION PRESERVE. ADJACENT AREAS HAVE BEEN DEVELOPED FOR RESIDENTIAL HOUSING BY 2010.

General: 1995: UNKNOWN NUMBER OBS. 1996: 50+ ADULTS OBS IN 28 POOLS, LESS THAN 50 OBS IN 4 POOLS; B. LYNCHI IN SOME POOLS. 1997: 10-100 OBS IN 27 POOLS. 1998: 1000S OBS IN 13 POOLS AND 100S OBS IN 1 POOL.

Owner/Manager: PVT-STERLING PACIFIC ASSETS

Occurrence No. 150

Map Index: 32516

EO Index: 1882

Dates Last Seen

Occ Rank: Excellent

Element: 1996-02-09

Origin: Natural/Native occurrence

Site: 1996-03-13

Presence: Presumed Extant

Record Last Updated: 1996-09-05

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.86505° / -121.29394°

Township: 12N

UTM: Zone-10 N4303184 E648015

Range: 06E

Area:

Mapping Precision: NON-SPECIFIC

Section: 27

Qtr: NW

Elevation: 140 ft

Symbol Type: POLYGON

Meridian: M

Location: EASTRIDGE PROJECT SOUTHERN WETLAND PRESERVE; 1.0 KM EAST OF HWY 65; 2.2 KM SOUTH OF LINCOLN.

Ecological: NORTHERN HARDPAN VERNAL POOL HABITAT WITH CONSTRUCTED VERNAL POOLS (3.95 ACRES), CONSTRUCTED SEASONAL WETLANDS (1.95 ACRES), AND REFERENCE VERNAL POOLS IN ANNUAL GRASSLAND.

Threat: FUTURE RESIDENTIAL DEVELOPMENT PLANNED IN ADJACENT AREA; DIRT ROADS BISECT PRESERVE; GRAZING; RODEO GROUNDS TO THE NW.

General: 1996 (THIRD MONITORING YEAR): 1/11-LOW DENSITIES OF LINDERIELLA OBSERVED IN POOL #SW4, B. LYNCHI ALSO PRESENT. 2/9-LOW DENSITIES OF LINDERIELLAS OBSERVED IN POOLS #7 AND 8.

Owner/Manager: PVT-PLACER HOLDINGS

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 157

Map Index: 38256

EO Index: 33921

Dates Last Seen

Occ Rank: Unknown

Element: 1997-01-16

Origin: Natural/Native occurrence

Site: 1997-01-16

Presence: Presumed Extant

Record Last Updated: 1998-06-10

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78083° / -121.34926°

UTM: Zone-10 N4293749 E643384

Area:

Mapping PrecisionNON-SPECIFIC

Township: 11N

Range: 06E

Section: 30

Qtr: XX

Elevation: 120 ft

Symbol TypePOLYGON

Meridian: M

Location: EAST OF FIDDYMENT ROAD, WEST OF FOOTHILLS BLVD, AND NORTH OF BASELINE ROAD, NW OF ROSEVILLE.

Ecological: HABITAT CONSISTS OF SEASONAL WETLANDS, REFERENCE VERNAL POOLS, AND CONSTRUCTED VERNAL POOLS WITHIN A DESIGNATED WETLAND MITIGATION AREA. SURROUNDING UPLAND CONSISTS OF NON-NATIVE ANNUAL GRASSLAND/MIXED OAK WOODLAND.

Threat: THREATENED BY SURROUNDING DEVELOPMENT (GOLF COURSES AND RESIDENTIAL DEVELOPMENT).

General: CALIFORNIA LINDERIELLA WERE IDENTIFIED WITHIN 83 (44%) OF THE CONSTRUCTED VERNAL POOLS & SEASONAL WETLANDS AND 4 (21%) OF THE REFERENCE VERNAL POOLS SEASONAL WETLANDS. BRANCHINECTA LYNCHI ALSO OBSERVED.

Owner/Manager: PVT

Occurrence No. 184

Map Index: 42742

EO Index: 42742

Dates Last Seen

Occ Rank: Unknown

Element: 1997-02-12

Origin: Natural/Native occurrence

Site: 1997-02-12

Presence: Presumed Extant

Record Last Updated: 2000-04-12

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.85091° / -121.31974°

UTM: Zone-10 N4301573 E645806

Area: 224.1 acres

Mapping PrecisionSPECIFIC

Township: 12N

Range: 06E

Section: 33

Qtr: XX

Elevation: 120 ft

Symbol TypePOLYGON

Meridian: M

Location: 1 MILE NW OF PLEASANT GROVE ROAD & SP RAILROAD, 1 MILE E OF ORCHARD CREEK & INGRAM SLOUGH CONFLUENCE, NNW OF

Location Detail: MOST OF THE NW AND BOTTOM HALF NE PORTIONS OF ORCHARD CREEK MIDIGATION BANK. MAJORITY OF VERNAL POOLS ARE ON SAN JOAQUIN SANDY LOAM AND ALAMO-FIDDYMENT COMPLEX SOILS. MORE MAP DETAIL IN REPORT. 170 OF THE 694 EXISTING POOLS WERE SAMPLED.

Ecological: ENDEMIC VEGETATION: RANUNCULUS ALVEOLATUS, ERYNGIUM VASEYI, PLAGIOBOTHRYUS STIPITAUS, PSILICARPHUS ZIZYPHOROIDES, DESCHAMPSIA DAMTHONIODES, NAVARRETIA LEUCOCEPHALA

General: OBSERVED LINDERIELLA IN 82 OF THE 170 POOLS SAMPLED, 81 AT THIS LOCATION, FOR AN APPROXIMATE OCCURRENCE RATE OF 48 PERCENT, WITH ABUNDANCE RANGING FROM LOW TO HIGH.

Owner/Manager: UNKNOWN

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status
 Federal: None
 State: None

NDDB Element Ranks
 Global: G3
 State: S2S3

Other Lists
 CDFG Status:

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.
Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 185

Map Index: 42747

EO Index: 42747

Dates Last Seen

Occ Rank: Unknown
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Element: 1997-02-12
 Site: 1997-02-12

Record Last Updated: 2000-04-12

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84478° / -121.31588°
 UTM: Zone-10 N4300899 E646153
 Radius: 80 meters
 Elevation: 115 ft

Mapping Precision: SPECIFIC
 Symbol Type: POINT

Township: 12N
 Range: 06E
 Section: 33
 Meridian: M
 Qtr: SW

Location: 0.6 MILE NW OF PLEASANT GROVE RD & SP RR, 1.4 MILE ESE OF ORCHARD CREEK & INGRAM SLOUGH CONFLUENCE, NNW OF ROSEVILLE.
Location Detail: JUST SOUTH OF ORCHARD CREEK, ORCHARD CREEK MIDIGATION BANK. MAJORITY OF VERNAL POOLS ARE ON SAN JOAQUIN SANDY LOAM AND ALAMO-FIDDYMENT COMPLEX SOILS. MORE MAP DETAIL IN REPORT.

Ecological: ENDEMIC VEGETATION: RANUNCULUS ALVEOLATUS, ERYNGIUM VASEYI, PLAGIOBOTHRYUS STIPITAUS, PSILICARPHUS ZIZYPHOROIDES, DESCHAMPSIA DAMTHONIODES, NAVARRETIA LEUCOCEPHALA

General: OBSERVED LINDERIELLA THIS POOL WAS RATED HIGH IN ABUNDANCE.

Owner/Manager: UNKNOWN

Occurrence No. 187

Map Index: 46106

EO Index: 46109

Dates Last Seen

Occ Rank: Unknown
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Unknown

Element: 2006-01-09
 Site: 2006-01-09

Record Last Updated: 2006-03-27

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78973° / -121.33683°
 UTM: Zone-10 N4294757 E644445
 Area:
 Elevation: 115 ft

Mapping Precision: NON-SPECIFIC
 Symbol Type: POLYGON

Township: 11N
 Range: 06E
 Section: 20
 Meridian: M
 Qtr: NW

Location: 1 MILE SW OF THE INTERSECTION OF FIDDYMENT ROAD AND PLEASANT GROVE CREEK, ROSEVILLE
Location Detail: WOODCREEK NORTH OPEN SPACE PRESERVWETLAND COMPENSATION AREA.

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND WITH CONSTRUCTED AND HISTORIC VERNAL POOLS SURROUNDED BY OAK WOODLAND. BRANCHINECTA LYNCHI ALSO FOUND HERE.

General: UNKNOWN # OBS 7 MAR 2001. 1000'S OBS 28 FEB 2002 IN POOL C. FOUND IN POOLS 2, 3, 5, & 7 IN JAN 2003. 1000'S OBS. 17 FEB 2004 IN POOL #5. 7 JAN 2005: 1000'S IN POOLS SWB, SWC, SWE; 100'S IN POOL SWF. JAN 2006: 10S-1000S IN 7 POOLS.

Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 194

Map Index: 47451

EO Index: 47451

Dates Last Seen

Occ Rank: Good
 Origin: Natural/Native occurrence
 Presence: Presumed Extant
 Trend: Stable

Element: 2005-01-11
 Site: 2005-01-11

Record Last Updated: 2011-07-08

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77346° / -121.28207°
 UTM: Zone-10 N4293039 E649236
 Area: 28.7 acres
 Elevation: 160 ft

Mapping Precision: SPECIFIC
 Symbol Type: POLYGON

Township: 11N
 Range: 06E
 Section: 26
 Meridian: M
 Qtr: SW

Location: ALONG CREEK ON N EDGE OF DIAMOND OAKS MUNICIPAL GOLF COURSE, 1.7 MI N OF ROSEVILLE PO.

Location Detail: 1997: SPECIES OBS IN 9 OF 17 POOLS SAMPLED. 1998: SP OBS IN 2 OF 9 POOLS SAMPLED. 1999: SP OBS IN 2 OF 11 POOLS SAMPLED. 2004: SP OBS IN 1 OF 11 POOLS SAMPLED. 2005: SP OBS IN 2 OF 10 POOLS SAMPLED. 2006: SP OBS IN 1 OF 12 POOLS SAMPLED.

Ecological: CONSTRUCTED VERNAL POOLS (1.5 ACRES) WITHIN AREA DOMINATED BY NON-NATIVE ANNUAL GRASSLAND SURROUNDED BY DEVELOPMENT. 1/8/98: VP7 SURFACE AREA 4X12M, DEPTH 10CM; VP10 SURFACE AREA 4X8M, DEPTH 10CM. 2/27/98: VP7 SURFACE AREA 4X16M, DEPTH 16.

General: JAN 1997: 10S OBS IN 3 POOLS, 100S IN 3 POOLS, 1000S IN 3 POOLS. JAN & FEB 1998: 100S IN VP77, VP10 & VP7. MAR 1999: 1000S IN VP7 & VP16. FEB 2004: 100S IN POOL U15. JAN 2005: 100S IN POOL U18, 10S IN POOL U47. JAN 2006: 100S IN POOL U80.

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Owner/Manager: PVT, CITY OF ROSEVILLE

Occurrence No. 199

Map Index: 64299

EO Index: 48405

Dates Last Seen

Occ Rank: Unknown

Element: 2005-03-02

Origin: Natural/Native occurrence

Site: 2005-03-02

Presence: Presumed Extant

Record Last Updated: 2011-04-25

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.84960° / -121.35768°

UTM: Zone-10 N4301369 E642515

Area:

Elevation: 100 ft

Township: 12N

Range: 06E

Section: 31

Meridian: M

Qtr: NW

Mapping Precision: NON-SPECIFIC

Symbol Type: POLYGON

Location: IN THE GENERAL AREA NW OF FIDDYMENT RD AT E CATLETT RD, S OF ORCHARD CREEK, 4.5 MILES SW OF LINCOLN PO.

Location Detail: MOORE RANCH, LOCATED IN NW1/4 SEC 31 & NE1/4 SEC 36.

Ecological: HABITAT CONSISTS OF VERNAL POOLS (WITHIN A VERNAL POOL COMPLEX) SURROUNDED BY ANNUAL GRASSLAND. POOL DEPTH AT SAMPLING: 13CM. SURFACE AREA AT SAMPLING: 30M X 7M. AREA IS A WETLAND MITIGATION SITE.

General: 10'S OBS IN 1 POOL 13 FEB 1997. 10'S OBS IN ONE POOL IN THE WESTERN AREA 28 FEB 2002. OBS IN 2 OF 46 SAMPLED POOLS IN EASTERN AREA JAN & FEB 2002. OBS IN 3 OF 47 SAMPLED POOLS JAN & MAR 2003. 10'S TO 1000'S OBS IN 16 POOLS FEB & MAR 2005.

Owner/Manager: MOORE RANCH CONSERVANCY

Occurrence No. 200

Map Index: 48410

EO Index: 48410

Dates Last Seen

Occ Rank: Unknown

Element: 2005-01-21

Origin: Natural/Native occurrence

Site: 2005-01-21

Presence: Presumed Extant

Record Last Updated: 2005-10-17

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78679° / -121.29375°

UTM: Zone-10 N4294499 E648193

Area: 20.1 acres

Elevation: 130 ft

Township: 11N

Range: 06E

Section: 22

Meridian: M

Qtr: NE

Mapping Precision: SPECIFIC

Symbol Type: POLYGON

Location: 2.5 MILES NORTH ROSEVILLE; 0.4 MILES EAST OF INTERSECTION OF EAST ROSEVILLE PARKWAY & WASHINGTON BLVD, W OF HWY 65.

Location Detail: HIGHLAND RESERVE SOUTH

Ecological: HABITAT CONSISTS OF PRESERVE WITH CONSTRUCTED & HISTORIC VERNAL POOLS WITHIN A NON-NATIVE ANNUAL GRASSLAND. SURROUNDED BY URBAN AREAS & DEVELOPMENT.

General: 100'S OF INDIVIDUALS OBSERVED WITHIN POOL #ND ON 4 JAN 2002, AND AN UNKNOWN NUMBER WERE OBSERVED IN POOLS #N92, N108, AND NL ON 12 AND 16 FEB 2004. 10'S OBS IN POOLS ND, N82, N87 ON 21 JAN 2005.

Owner/Manager: CITY OF ROSEVILLE

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 201

Map Index: 48420

EO Index: 48420

Dates Last Seen

Occ Rank: Unknown

Element: 2006-01-09

Origin: Natural/Native occurrence

Site: 2006-01-09

Presence: Presumed Extant

Record Last Updated: 2006-03-27

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76474° / -121.35109°

UTM: Zone-10 N4291961 E643258

Area: 46.9 acres

Elevation: 125 ft

Township: 11N

Range: 06E

Section: 31

Qtr: N

Mapping PrecisionSPECIFIC
Symbol TypePOLYGON

Meridian: M

Location: 3 MILES NW OF ROSEVILLE; ALONG POWER LINES, 0.1 TO 0.8 MILE EAST OF FIDDYMENT ROAD.

Location Detail: WOODCREEK WEST WETLAND COMPENSATION AREA. ABOUT 25% OF THE POOLS WERE SAMPLED (22 IN 2001, 23 IN 2002, 22 IN 2005, 25 IN 2006 - BOTH CONSTRUCTED & HISTORIC). L.O. FOUND IN 14 OF 23 POOLS IN 2002 & 13 OF 22 POOLS IN 2005.

Ecological: HABITAT CONSISTS OF CONSTRUCTED AND HISTORIC VERNAL POOLS WITHIN AN ANNUAL GRASSLAND HABITAT; WETLAND COMPENSATION AREA. SITE IS UNDER POWER LINES.

General: 2001: 10'S OBS IN POOLS 45 AND 55. 2002: 10'S OBS IN POOLS 21, 48, 51 AND 85; 100'S OBS IN POOLS 44, 70, 74 AND 86; 1000'S OBS IN POOLS 10, 17, 28, 46, 82 AND N2. 2005: 10'S-1000'S OBS IN 13 POOLS. 2006: 10'S-100'S OBS IN 19 POOLS.

Owner/Manager: CITY OF ROSEVILLE

Occurrence No. 227

Map Index: 56433

EO Index: 56449

Dates Last Seen

Occ Rank: Unknown

Element: 2001-02-20

Origin: Natural/Native occurrence

Site: 2001-02-20

Presence: Presumed Extant

Record Last Updated: 2004-08-19

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78164° / -121.28371°

UTM: Zone-10 N4293944 E649077

Radius: 80 meters

Elevation: 160 ft

Township: 11N

Range: 06E

Section: 23

Qtr: SW

Mapping PrecisionSPECIFIC
Symbol TypePOINT

Meridian: M

Location: LOCATED BETWEEN HWY 65 AND ROSEVILLE PARKWAY, NW OF GIBSON DRIVE, ROSEVILLE.

Location Detail: HIGHLAND RESERVE SOUTH OPEN SPACE AREAS. POOLS LOCATED 0.28 MILE NORTH OF THE INTERSECTION OF ROSEVILLE PARKWAY AND GIBSON DRIVE, SOUTH SIDE OF DRAINAGE.

Ecological: HABITAT CONSISTS OF A COMPENSATION (CONSTRUCTED) VERNAL POOL.

General: 10'S OBSERVED IN POOL E16 ON 20 FEB 2001.

Owner/Manager: UNKNOWN

Occurrence No. 246

Map Index: 62823

EO Index: 62877

Dates Last Seen

Occ Rank: Unknown

Element: 2005-01-21

Origin: Natural/Native occurrence

Site: 2005-01-21

Presence: Presumed Extant

Record Last Updated: 2005-10-18

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78029° / -121.28908°

UTM: Zone-10 N4293785 E648613

Radius: 80 meters

Elevation: 150 ft

Township: 11N

Range: 06E

Section: 27

Qtr: NE

Mapping PrecisionSPECIFIC
Symbol TypePOINT

Meridian: M

Location: NW THE JUNCTION OF PLEASANT GROVE BLVD AND ROSEVILLE PKWY, SOUTH OF HWY 65, ROSEVILLE

Location Detail: HIGHLAND RESERVE SOUTH

Ecological: HABITAT CONSISTS OF A HISTORIC VERNAL POOL.

General: 100'S OBSERVED IN POOL WRR ON 21 JAN 2005

Owner/Manager: UNKNOWN

Linderiella occidentalis

California *Linderiella*

Element Code: ICBRA06010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status:

State: None

State: S2S3

Habitat Associations

General: SEASONAL POOLS IN UNFLOWED GRASSLANDS WITH OLD ALLUVIAL SOILS UNDERLAIN BY HARDPAN OR IN SANDSTONE DEPRESSIONS.

Micro: WATER IN THE POOLS HAS VERY LOW ALKALINITY, CONDUCTIVITY, AND TDS.

Occurrence No. 257

Map Index: 64342

EO Index: 64421

Dates Last Seen

Occ Rank: Unknown

Element: 2006-01-31

Origin: Natural/Native occurrence

Site: 2006-01-31

Presence: Presumed Extant

Record Last Updated: 2006-03-27

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78714° / -121.37134°

UTM: Zone-10 N4294415 E641453

Radius: 80 meters

Mapping Precision SPECIFIC

Township: 11N

Range: 05E

Section: 24

Qtr: SW

Elevation: 95 ft

Symbol Type POINT

Meridian: M

Location: NEAR UNNAMED TRIBUTARY TO PLEASANT GROVE CREEK NORTH AND EAST OF PHILLIP ROAD, NW OF ROSEVILLE.

Location Detail: POOL #567, WEST OF HAYDEN PARKWAY. MAPPED 0.2 MI W OF FIDDYMENT RANCH.

General: NUMBERS FOUND NOT GIVEN FOR THIS POOL.

Owner/Manager: PVT

Occurrence No. 390

Map Index: 82419

EO Index: 83442

Dates Last Seen

Occ Rank: Unknown

Element: 1995-02-06

Origin: Natural/Native occurrence

Site: 1995-03-02

Presence: Presumed Extant

Record Last Updated: 2011-04-29

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76601° / -121.31850°

UTM: Zone-10 N4292153 E646086

Area: 14.0 acres

Mapping Precision SPECIFIC

Township: 11N

Range: 06E

Section: 33

Qtr: NW

Elevation: 130 ft

Symbol Type POLYGON

Meridian: M

Location: OPEN AREA BETWEEN RESIDENTIAL HOUSING NE OF COUNTRY CLUB DR AT ACTON WAY, CENTERED ABOUT 2.2 MI NW OF ROSEVILLE PO.

Location Detail: 1995: 15 TOTAL WETLANDS SAMPLED BETWEEN PARCELS 32 (EO#390, THIS OCCURRENCE) & 72 (EO#111). PROVIDED MAP GRAPHIC APPEARED SHIFTED WEST OF TRUE LOCATION; MAPPED TO AERIAL IMAGE MATCHING PRESERVED HABITAT.

Ecological: CONSTRUCTED AND SEASONAL HARDPAN VERNAL POOLS WITH NON-NATIVE ANNUAL GRASSLAND.

General: LINDERIELLA OCCIDENTALIS OBSERVED IN CONSTRUCTED VERNAL POOLS SOMETIME BETWEEN 6 FEB AND 2 MAR 1995.

Owner/Manager: CITY OF ROSEVILLE

Northern Hardpan Vernal Pool

Element Code: CTT44110CA

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3	
State: None	State: S3.1	
Habitat Associations		
General:		
Micro:		

Occurrence No. 23 Map Index: 11651 EO Index: 16254 Dates Last Seen
Occ Rank: Unknown Element: 1980-XX-XX
Origin: Natural/Native occurrence Site: 1980-XX-XX
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 1998-07-15

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.85348° / -121.31556° Township: 12N
UTM: Zone-10 N4301865 E646163 Range: 06E
Area: 1,251.8 acres Mapping Precision: SPECIFIC Section: 33 Qtr: NW
Elevation: 125 ft Symbol Type: POLYGON Meridian: M

Location: SOUTH OF LINCOLN 2-3 MILES WEST OF HWY 65.

Location Detail: POOLS IN TREELESS ANNUAL GRASSLAND. BOUNDARIES INDICATE EXTENT OF UNDEVELOPED AREA.

Ecological: DIVERSE POOL FLORA. UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

Threat: THREAT OF INDUSTRIAL DEVELOPMENT.

General: SEVERAL POOLS KNOWN FOR THEIR INVERTEBRATE FAUNA. SEE
WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Occurrence No. 67 Map Index: 11713 EO Index: 16248 Dates Last Seen
Occ Rank: Unknown Element: 1982-XX-XX
Origin: Natural/Native occurrence Site: 1982-XX-XX
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 2001-05-24

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.76982° / -121.27800° Township: 11N
UTM: Zone-10 N4292642 E649597 Range: 06E
Area: 77.8 acres Mapping Precision: SPECIFIC Section: 26 Qtr: SW
Elevation: 180 ft Symbol Type: POLYGON Meridian: M

Location: JUST NORTH & EAST OF DIAMOND OAKS MUNICIPAL GOLF COURSE, ROSEVILLE, SOUTH BRANCH PLEASANT GROVE CREEK.

Ecological: POOLS ON LOW TERRACE HARDPAN SUBSTRATE. HIGH QUALITY POOLS W/ VARIETY OF POOL TAXA PRESENT, 1982. UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

General: ZONED AS RESIDENTIAL IN 1977 ROSEVILLE GENERAL PLAN. SEE
WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: PVT-ROSEVILLE PROPERTIES

Occurrence No. 68 Map Index: 11613 EO Index: 16247 Dates Last Seen
Occ Rank: Unknown Element: 1982-XX-XX
Origin: Natural/Native occurrence Site: 1982-XX-XX
Presence: Presumed Extant
Trend: Unknown Record Last Updated: 1998-07-15

Quad Summary: Roseville (3812173/528D)
County Summary: Placer

Lat/Long: 38.78625° / -121.32487° Township: 11N
UTM: Zone-10 N4294389 E645492 Range: 06E
Area: 51.4 acres Mapping Precision: SPECIFIC Section: 20 Qtr: S
Elevation: 110 ft Symbol Type: POLYGON Meridian: M

Location: ADJACENT TO SOUTH BRANCH (PLEASANT GROVE CREEK) ABOUT 1 MILE SW OF FIDDYMENT RANCH, ROSEVILLE.

Location Detail: TWO AREAS; 38 AC RANKED AS MEDIUM QUALITY BY WESCO, 1982. ZONED FORM AG IN 1977 ROSEVILLE GENERAL PLAN; 13 AC OF LOW QUALITY POOLS, ZONED RESIDENTIAL.

Ecological: LOW TERRACE HARDPAN SUBSTRATE. UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

General: SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Northern Hardpan Vernal Pool

Element Code: CTT44110CA

_____ Status _____

_____ NDDB Element Ranks _____

_____ Other Lists _____

Federal: None

Global: G3

State: None

State: S3.1

_____ Habitat Associations _____

General:

Micro:

Northern Volcanic Mud Flow Vernal Pool

Element Code: CTT44132CA

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G1

State: None

State: S1.1

Habitat Associations

General:

Micro:

Occurrence No. 1

Map Index: 11782

EO Index: 16218

Dates Last Seen

Occ Rank: Unknown

Element: 1982-XX-XX

Origin: Natural/Native occurrence

Site: 1982-XX-XX

Presence: Presumed Extant

Record Last Updated: 1998-07-16

Trend: Unknown

Quad Summary: Rocklin (3812172/527C), Citrus Heights (3812163/512A), Folsom (3812162/511B), Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.75189° / -121.25431°

Township: 10N

UTM: Zone-10 N4290690 E651693

Range: 07E

Area: 432.3 acres

Mapping PrecisionSPECIFIC

Section: 06

Qtr: XX

Elevation: 240 ft

Symbol TypePOLYGON

Meridian: M

Location: BETWEEN DOUGLAS BLVD & MINERS RAVINE JUST EAST OF ROSEVILLE.

Ecological: DIVERSITY OF POOL TAXA PRESENT INCLUDES DICHELOSTEMMA LACUNA-VERNALIS. MOST OF THIS LARGE AREA IS ON VOLCANIC SUBSTRATE. <50 ACRES IN THE NW PORTION OF THE BOUNDED AREA IS LOW TERRACE FORMATION W/HARDPAN VERNAL POOLS.

General: UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Occurrence No. 4

Map Index: 11746

EO Index: 16214

Dates Last Seen

Occ Rank: Unknown

Element: 1987-04-22

Origin: Natural/Native occurrence

Site: 1987-04-22

Presence: Presumed Extant

Record Last Updated: 1998-07-16

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.77614° / -121.26620°

Township: 11N

UTM: Zone-10 N4293362 E650609

Range: 06E

Area: 428.3 acres

Mapping PrecisionSPECIFIC

Section: 25

Qtr: NW

Elevation: 225 ft

Symbol TypePOLYGON

Meridian: M

Location: WEST OF ANTELOPE CREEK ON HILL EAST OF DIAMOND OAKS MUNICIPAL GOLF COURSE. ROCKLIN-ROSEVILLE BOUNDARY.

Location Detail: 330 AC IN ROSEVILLE; ZONED AG IN 1977 GENERAL PLAN.

Ecological: LARGE AREA OF POOLS ON MEHRTEN FORMATION, EXCHEQUER VERY STONY LOAM. SPP INCL GRATIOLA HETEROSEPALA. PORTION SEEN IN 1987 EXCELLENT EXAMPLE OF VOLCANIC MUDFLOW POOLS. UNABLE TO CONVERT FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

Threat: PROPOSED FOR REGIONAL SHOPPING CENTER.

General: SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Occurrence No. 5

Map Index: 11695

EO Index: 16213

Dates Last Seen

Occ Rank: Unknown

Element: 1982-XX-XX

Origin: Natural/Native occurrence

Site: 1982-XX-XX

Presence: Presumed Extant

Record Last Updated: 1998-07-16

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78157° / -121.28441°

Township: 11N

UTM: Zone-10 N4293935 E649016

Range: 06E

Area: 62.7 acres

Mapping PrecisionSPECIFIC

Section: 27

Qtr: NE

Elevation: 165 ft

Symbol TypePOLYGON

Meridian: M

Location: LESS THAN 1 MILE NORTH OF DIAMOND OAKS MUNICIPAL GOLF COURSE, EAST OF HIGHWAY 65, ROCKLIN.

Location Detail: 51 ACRES.

Ecological: ON VOLCANIC SUBSTRATE. DICHELOSTEMMA LACUNA-VERNALIS PRESENT. UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

Threat: ZONED AS RESIDENTIAL IN 1977 ROSEVILLE GENERAL PLAN.

General: SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Northern Volcanic Mud Flow Vernal Pool

Element Code: CTT44132CA

_____ Status _____ NDDB Element Ranks _____ Other Lists _____

Federal: None

Global: G1

State: None

State: S1.1

_____ Habitat Associations _____

General:

Micro:

Owner/Manager: UNKNOWN

Progne subis

purple martin

Element Code: ABPAU01010

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G5

CDFG Status: SC

State: None

State: S3

Habitat Associations

General: INHABITS WOODLANDS, LOW ELEVATION CONIFEROUS FOREST OF DOUGLAS-FIR, PONDEROSA PINE, & MONTEREY PINE.

Micro: NESTS IN OLD WOODPECKER CAVITIES MOSTLY, ALSO IN HUMAN-MADE STRUCTURES. NEST OFTEN LOCATED IN TALL, ISOLATED TREE/SNAG.

Occurrence No. 27

Map Index: 70377

EO Index: 71268

Dates Last Seen

Occ Rank: Good

Element: 2007-05-23

Origin: Natural/Native occurrence

Site: 2007-05-23

Presence: Presumed Extant

Record Last Updated: 2007-10-31

Trend: Unknown

Quad Summary: Roseville (3812173/528D), Rocklin (3812172/527C)

County Summary: Placer

Lat/Long: 38.77202° / -121.25187°

Township: 11N

UTM: Zone-10 N4292929 E651863

Range: 06E

Radius: 80 meters

Mapping Precision: SPECIFIC

Section: 25

Qtr: SE

Elevation: 216 ft

Symbol Type: POINT

Meridian: M

Location: HIGHWAY 65 OVERPASS OVER TAYLOR ROAD, ON THE SOUTH EDGE OF ROCKLIN.

Ecological: HABITAT SURROUNDING FREEWAYS CONSISTS OF NON-NATIVE GRASSLAND AND OAK WOODLAND.

General: 2 ADULTS (PAIR) OBSERVED NESTING IN OVERPASS DRAINAGE HOLE ON 23 MAY 2007.

Owner/Manager: CALTRANS, UNION PACIFIC ROW

Spea hammondi

western spadefoot

Element Code: AAABF02020

_____ Status _____	NDDB Element Ranks	_____ Other Lists _____
Federal: None	Global: G3	CDFG Status: SC
State: None	State: S3	

_____ Habitat Associations _____

General: OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD WOODLANDS.

Micro: VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.

Occurrence No. 171	Map Index: 42145	EO Index: 42145	_____ Dates Last Seen _____
Occ Rank: Unknown			Element: 1991-04-12
Origin: Natural/Native occurrence			Site: 1991-04-12
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-20

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76197° / -121.33795°	Township: 11N
UTM: Zone-10 N4291674 E644405	Range: 06E
Radius: 80 meters	Section: 32
Elevation: 115 ft	Meridian: M
Mapping Precision: SPECIFIC	Qtr: NW
Symbol Type: POINT	

Location: TRIB TO KASEBERG CREEK, 1.3 MILES NE OF JCT BASE LINE & FIDDYMENT ROADS, ROSEVILLE

Location Detail: 5 CONSTRUCTED VERNAL POOLS AND TRIB TO KASEBERG CREEK. MAPPED TO SITE DESCRIPTION (ELEVATION GIVEN DOESN'T MATCH).

Ecological: VERNAL POOLS AND INTERMITTENT CREEK. SURROUNDING LAND USE: MITIGATION SITE, VARIOUS DEVELOPMENTS.

Threat: THREATENED BY INCREASED HYDROLOGY AND NON-NATIVE FISHES

General: SEVERAL TADPOLES OBSERVED, 1991.

Owner/Manager: UNKNOWN

Occurrence No. 172	Map Index: 42147	EO Index: 42147	_____ Dates Last Seen _____
Occ Rank: Poor			Element: 1994-03-19
Origin: Natural/Native occurrence			Site: 1994-03-19
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-20

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76934° / -121.25377°	Township: 11N
UTM: Zone-10 N4292628 E651704	Range: 06E
Radius: 80 meters	Section: 25
Elevation: 200 ft	Meridian: M
Mapping Precision: SPECIFIC	Qtr: SE
Symbol Type: POINT	

Location: POOLS ADJACENT TO RAILROAD TRACKS NEAR TAYLOR ROAD, 0.4 MILE SOUTH OF SEWAGE DISPOSAL PONDS, ROSEVILLE.

Location Detail: POOLED AREAS BETWEEN TRACKS AND DEVELOPMENT.

Ecological: SURROUNDING LAND USE: RAILROAD EASEMENT. CALIFORNIA LINDERIELLA ALSO PRESENT.

Threat: DEVELOPMENT

General: 5 TADPOLES OBSERVED, 1994.

Owner/Manager: UNKNOWN

Occurrence No. 173	Map Index: 42150	EO Index: 42150	_____ Dates Last Seen _____
Occ Rank: Poor			Element: 1990-02-XX
Origin: Natural/Native occurrence			Site: 1990-02-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2000-01-12

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.76985° / -121.33078°	Township: 11N
UTM: Zone-10 N4292560 E645012	Range: 06E
Radius: 2/5 mile	Section: 29
Elevation: 140 ft	Meridian: M
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: NEAR THE INTERSECTION OF WOODCREEK OAKS BLVD AND PLEASANT GROVE BLVD, WOODCREEK OAKS SUBDIVISION IN WESTERN ROSEVILLE

Location Detail: MAPPED TO DESCRIPTION GIVEN (TOWNSHIP, SECTION AND ELEVATION DON'T MATCH SITE DESCRIPTION).

Ecological: GRASSLAND WITH NUMEROUS VERNAL POOLS AND SWALES.

Threat: LAND HAS BEEN DEVELOPED SINCE OBSERVATION

General: 30+ METAMORPHS OBSERVED IN A DRYING INTERMITTENT DRAINAGE, 1990.

Owner/Manager: PVT

Spea hammondi

western spadefoot

Element Code: AAABF02020

Status

NDDB Element Ranks

Other Lists

Federal: None

Global: G3

CDFG Status: SC

State: None

State: S3

Habitat Associations

General: OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD WOODLANDS.

Micro: VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.

Occurrence No. 309

Map Index: 60024

EO Index: 60060

Dates Last Seen

Occ Rank: Unknown

Element: 2004-04-23

Origin: Natural/Native occurrence

Site: 2004-04-23

Presence: Presumed Extant

Record Last Updated: 2005-02-16

Trend: Unknown

Quad Summary: Roseville (3812173/528D)

County Summary: Placer

Lat/Long: 38.78621° / -121.36950°

Township: 11N

UTM: Zone-10 N4294315 E641615

Range: 05E

Area: 11.4 acres

Mapping Precision: SPECIFIC

Section: 24

Qtr: XX

Elevation: 95 ft

Symbol Type: POLYGON

Meridian: M

Location: UNNAMED TRIBUTARY TO PLEASANT GROVE CREEK NORTH AND EAST OF PHILLIP ROAD, NW OF ROSEVILLE

Ecological: HABITAT CONSISTS OF TWO PONDED AREAS WITHIN A SEASONAL SWALE/CHANNEL

General: ON 23 APR 2004, ONE POOL SUPPORTED <10 TADPOLES AND THE OTHER SUPPORTED 50-100 TADPOLES.

Owner/Manager: UNKNOWN

ATTACHMENT B

USFWS Query of Listed Species: Roseville Quad



**United States Department of the Interior
FISH AND WILDLIFE SERVICE**

Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, California 95825



June 25, 2012

Document Number: 120625052134

Eric W. Stitt
ECORP Consulting, Inc.
2525 Warren Drive
Rocklin, CA 95677

Subject: Species List for Foothills Corporate Center

Dear: Mr. Stitt

We are sending this official species list in response to your June 25, 2012 request for information about endangered and threatened species. The list covers the California counties and/or U.S. Geological Survey 7½ minute quad or quads you requested.

Our database was developed primarily to assist Federal agencies that are consulting with us. Therefore, our lists include all of the sensitive species that have been found in a certain area *and also ones that may be affected by projects in the area*. For example, a fish may be on the list for a quad if it lives somewhere downstream from that quad. Birds are included even if they only migrate through an area. In other words, we include all of the species we want people to consider when they do something that affects the environment.

Please read Important Information About Your Species List (below). It explains how we made the list and describes your responsibilities under the Endangered Species Act.

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be September 23, 2012.

Please contact us if your project may affect endangered or threatened species or if you have any questions about the attached list or your responsibilities under the Endangered Species Act. A list of Endangered Species Program contacts can be found [here](#).

Endangered Species Division

TAKE PRIDE
IN AMERICA 

U.S. Fish & Wildlife Service
Sacramento Fish & Wildlife Office
Federal Endangered and Threatened Species that Occur in
or may be Affected by Projects in the Counties and/or
U.S.G.S. 7 1/2 Minute Quads you requested
Document Number: 120625052134
Database Last Updated: September 18, 2011

Quad Lists

Listed Species

Invertebrates

- Branchinecta conservatio*
Conservancy fairy shrimp (E)
- Branchinecta lynchi*
vernal pool fairy shrimp (T)
- Desmocerus californicus dimorphus*
valley elderberry longhorn beetle (T)
- Lepidurus packardii*
vernal pool tadpole shrimp (E)

Fish

- Hypomesus transpacificus*
delta smelt (T)
- Oncorhynchus mykiss*
Central Valley steelhead (T) (NMFS)
Critical habitat, Central Valley steelhead (X) (NMFS)
- Oncorhynchus tshawytscha*
Central Valley spring-run chinook salmon (T) (NMFS)
winter-run chinook salmon, Sacramento River (E) (NMFS)

Amphibians

- Rana draytonii*
California red-legged frog (T)

Reptiles

- Thamnophis gigas*
giant garter snake (T)

Quads Containing Listed, Proposed or Candidate Species:

ROSEVILLE (528D)

County Lists

No county species lists requested.

Key:

- (E) *Endangered* - Listed as being in danger of extinction.
- (T) *Threatened* - Listed as likely to become endangered within the foreseeable future.
- (P) *Proposed* - Officially proposed in the Federal Register for listing as endangered or threatened.
- (NMFS) Species under the Jurisdiction of the National Oceanic & Atmospheric Administration Fisheries Service. Consult with them directly about these species.

Critical Habitat - Area essential to the conservation of a species.

(PX) *Proposed Critical Habitat* - The species is already listed. Critical habitat is being proposed for it.

(C) *Candidate* - Candidate to become a proposed species.

(V) *Vacated* by a court order. Not currently in effect. Being reviewed by the Service.

(X) *Critical Habitat* designated for this species

Important Information About Your Species List

How We Make Species Lists

We store information about endangered and threatened species lists by U.S. Geological Survey 7½ minute quads. The United States is divided into these quads, which are about the size of San Francisco.

The animals on your species list are ones that occur within, **or may be affected by** projects within, the quads covered by the list.

- Fish and other aquatic species appear on your list if they are in the same watershed as your quad or if water use in your quad might affect them.
- Amphibians will be on the list for a quad or county if pesticides applied in that area may be carried to their habitat by air currents.
- Birds are shown regardless of whether they are resident or migratory. Relevant birds on the county list should be considered regardless of whether they appear on a quad list.

Plants

Any plants on your list are ones that have actually been observed in the area covered by the list. Plants may exist in an area without ever having been detected there. You can find out what's in the surrounding quads through the California Native Plant Society's online Inventory of Rare and Endangered Plants.

Surveying

Some of the species on your list may not be affected by your project. A trained biologist and/or botanist, familiar with the habitat requirements of the species on your list, should determine whether they or habitats suitable for them may be affected by your project. We recommend that your surveys include any proposed and candidate species on your list. See our Protocol and Recovery Permits pages.

For plant surveys, we recommend using the Guidelines for Conducting and Reporting Botanical Inventories. The results of your surveys should be published in any environmental documents prepared for your project.

Your Responsibilities Under the Endangered Species Act

All animals identified as listed above are fully protected under the Endangered Species Act of 1973, as amended. Section 9 of the Act and its implementing regulations prohibit the take of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such animal.

Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures:

- If a Federal agency is involved with the permitting, funding, or carrying out of a project that may result in take, then that agency must engage in a formal consultation with the Service. During formal consultation, the Federal agency, the applicant and the Service work together to avoid or minimize the impact on listed species and their habitat. Such consultation would result in a biological opinion by the Service addressing the anticipated effect of the project on listed and proposed species. The opinion may authorize a limited level of incidental take.
 - If no Federal agency is involved with the project, and federally listed species may be taken as part of the project, then you, the applicant, should apply for an incidental take permit. The Service may issue such a permit if you submit a satisfactory conservation plan for the species that would be affected by your project.
- Should your survey determine that federally listed or proposed species occur in the area and are likely to be affected by the project, we recommend that you work with this office and the California Department of Fish and Game to develop a plan that minimizes the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. You should include the plan in any environmental documents you file.

Critical Habitat

When a species is listed as endangered or threatened, areas of habitat considered essential to its conservation may be designated as critical habitat. These areas may require special management considerations or protection. They provide needed space for growth and normal behavior; food, water, air, light, other nutritional or physiological requirements; cover or shelter; and sites for breeding, reproduction, rearing of offspring, germination or seed dispersal.

Although critical habitat may be designated on private or State lands, activities on these lands are not restricted unless there is Federal involvement in the activities or direct harm to listed wildlife.

If any species has proposed or designated critical habitat within a quad, there will be a separate line for this on the species list. Boundary descriptions of the critical habitat may be found in the Federal Register. The information is also reprinted in the Code of Federal Regulations (50 CFR 17.95). See our Map Room page.

Candidate Species

We recommend that you address impacts to candidate species. We put plants and animals on our candidate list when we have enough scientific information to eventually propose them for listing as threatened or endangered. By considering these species early in your planning process you may be able to avoid the problems that could develop if one of these candidates was listed before the end of your project.

Species of Concern

The Sacramento Fish & Wildlife Office no longer maintains a list of species of concern. However, various other agencies and organizations maintain lists of at-risk species. These lists provide essential information for land management planning and conservation efforts. More info

Wetlands

If your project will impact wetlands, riparian habitat, or other jurisdictional waters as defined by section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act, you will need to obtain a permit from the U.S. Army Corps of Engineers. Impacts to wetland habitats require site specific mitigation and monitoring. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 414-6520.

MITIGATION MONITORING PROGRAM

Project Title/File Number	NIPA PCL 50 – Foothills Corporate Center Grading Plan
Project Location	8501 Foothills Bl.; Roseville; Placer County; APN: 017-230-014-000
Project Description	The applicant requests approval of a Major Grading Plan that would allow rough grading of the site and seasonal wetlands on the site to be filled.
Project Applicant	Greg Bardini, Morton & Pitalo, Inc.; (916) 984-7621; 75 Iron Point Circle #120, Folsom, CA 95630
Property Owner	Daisy Stires, Sterling Savings Bank ; (509) 227-0960 ; 111 North Wall St., Spokane, WA 99026
Lead Agency Contact Person	Derek Ogden, Phone (916) 774-5276

Section 21081.6 of the California Public Resources Code requires public agencies to "adopt a reporting and monitoring program for the changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment." This monitoring program is required for the project as significant adverse impacts have been identified, and mitigation measures have been identified to mitigate those impacts.

MONITORING PROCESS: Existing monitoring mechanisms are in place that assist the City of Roseville in meeting the intent of CEQA. These existing monitoring mechanisms eliminate the need to develop new monitoring processes for each mitigation measure. These mechanisms include grading plan review and approval, improvement/building plan review and approval and on-site inspections by City Departments. Given that these monitoring processes are requirements of the project, they are not included in the mitigation monitoring program. Therefore, only those mitigation measures that are unique to this project are listed in the following monitoring table. The table indicates the required mitigation along with who is the responsible party for monitoring along with when the monitoring is to occur and when the monitoring has been completed.

MITIGATION MONITORING TABLE - Carlsberg Lot 5 Grading Plan

MITIGATION NUMBER	DESCRIPTION	GRADING PERMIT	IMPROVE/ BUILDING PLANS	DURING CONST	PLAN CHECK CITY DEPT.	MON. CITY DEPT.	DATE COMPLETE
MM1	Wetlands Prior to grading permit the project shall obtain an Army Corps of Engineers wetland fill or discharge "Section 404" permit. The project will be required to purchase credits in an approved wetland mitigation fund or other mitigation required by the 404 permit to ensure no net loss of wetlands.	Planning & Engineering	NA	NA	NA	Planning	
MM2	Special Status Species MM2: Prior to project construction special status species surveys shall be conducted to establish the presence/absence of these species on the site. These studies shall be conducted via the appropriate federal and state protocols.	Planning & Engineering	NA	NA	NA	Planning	
MM3	Cultural Resources In the event of the discovery of buried paleontological, archaeological or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data	Planning & Engineering	NA	NA	NA	Planning	

MITIGATION MONITORING TABLE -- Carlsberg Lot 5 Grading Plan

MITIGATION NUMBER	DESCRIPTION	GRADING PERMIT	IMPROVE/ BUILDING PLANS	DURING CONST	PLAN CHECK CITY DEPT.	MON. CITY DEPT.	DATE COMPLETE
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recovery excavations. If human remains are found, the Placer County Coroner's office shall be contacted immediately. The corner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.



**ADDENDUM TO THE NIPA PCL 50-FOOTHILLS CORPORATE CENTER
GRADING PLAN MITIGATED NEGATIVE DECLARATION
(SCH# 2012092002, ADOPTED OCTOBER 11, 2012)**

Project Title/File Number:	NIPA PCL50-Roseville Self Storage, PL15-0058
Project Location:	8601 Foothills Boulevard
Project Description:	Construction of a self-storage facility and caretaker's residence, totaling approximately 110,000 square feet.
Project Applicant:	Ryan Smith, Thomastown Builders, Inc.
Property Owner:	Brett Baumgarten, Clearview 8035 Foothills Blvd, LLC
Lead Agency Contact:	Lauren Hocker, Associate Planner (916) 774-5272

An Addendum to a previously certified and adopted negative declaration may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR or negative declaration have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis has been prepared in order to demonstrate that none of the conditions described in Section 15162 of the CEQA Guidelines calling for preparation of a subsequent EIR have occurred and that only minor technical changes or additions are necessary in order to deem the adopted negative declaration adequate to describe the impacts of the proposed project. CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review, but can be included in or attached to the adopted negative declaration for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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PROJECT DESCRIPTION

Project Location

The project site is located at 8601 Foothills Boulevard, within the North Industrial Planning Area (see Figure 1). The land use designations and use of the project site and surrounding properties are shown in the table below. The aerial photograph in Figure 1 is from the year 2013; some of the areas shown as undeveloped in the photo have been developed at this time, including the site immediately south of the project site.

Location	Zoning	General Plan Land Use	Actual Use of Property
Site	M1	Light Industrial	Vacant
North	NC	Neighborhood Commercial	Vacant
South	M1	Light Industrial	Industrial warehouse (FedEx)
East	M1	Light Industrial	Vacant
West	M1/SA	Light Industrial	Hewlett-Packard

Figure 1: Project Location



Background

The North Industrial Planning Area (NIPA), where the site is located, is a recognized planning area of the City that includes Design Guidelines, a land use table, and a land use map; it was approved in 1995. The area includes approximately 2,000 acres of land, and is devoted primarily to industrial uses and employment centers. The area is planned to accommodate approximately 2,700 residents and 31,000 jobs at full buildout.

The project site was part of a large lot subdivision map approved in 1992 (File Number SUBD 91-11) intended to create a 14-lot business park, followed by an Extension and modification to the subdivision map in 1998 (File Numbers SUBDEXT 91-11A and SUBDMOD 91-11B); however, this map was never recorded. In 2013 a four-lot parcel map was approved (File Number 2013PL-029) and ultimately recorded, and it was this map which created the parcel on which the project is now proposed. That map included the proposed dedication of an Irrevocable Offer of Dedication for the extension of the future Roseville Parkway along the northern boundary of the project site, and the dedication of a 58-foot-wide right-of-way for the extension of Niblick Drive along the eastern project boundary (connecting to the rear of the FedEx property).

In addition to the above, a Major Grading Plan (File Number 2012PL-064) was approved on October 11, 2012 which covered mass grading activities on all of the undeveloped property between Foothills Boulevard to the west, the train tracks to the east, the Niblick Drive stub to the north, and a point even with the southern Hewlett Packard driveway. Some of the covered areas have already been graded and developed consistent with the approved Grading Plan; this includes the property to the south, developed with the FedEx building, and property to the east, which was graded and developed with water quality control basins. A Mitigated Negative Declaration was adopted which covered the proposed grading of the project site and the surrounding properties. Refer to the Purpose and Scope of Addendum section.

Environmental Setting

The 5.36-acre project site is dominated by non-native grasses and herbaceous annual plants; there are no trees on the site. The highest point of the site is located in the southwestern corner at approximately 140 feet above mean sea level (msl), and the lowest point is on the eastern side of the site at approximately 130 feet above msl. The topography is uneven and rolling from the highest point down to the lower areas of the site. A wetland delineation prepared for the MND concluded wetlands were present on some of the surrounding properties, but not on this Project site.

The extension of Niblick Drive has not been fully constructed to the ultimate right-of-way width, but a small emergency access road has been constructed along the future alignment, which connects to the developed FedEx property (see Figure 2 on following page). There is a gate at the interface of the complete Niblick Drive and the emergency access road which prevents use of the road by all but emergency responders. The future Roseville Parkway extension has also not been completed, but the portion of the roadway between Foothills Boulevard and Niblick Drive is currently under construction. This also involves some work along Foothills Boulevard, to complete the intersection improvements that will provide access to the new segment of Roseville Parkway.

Proposed Project

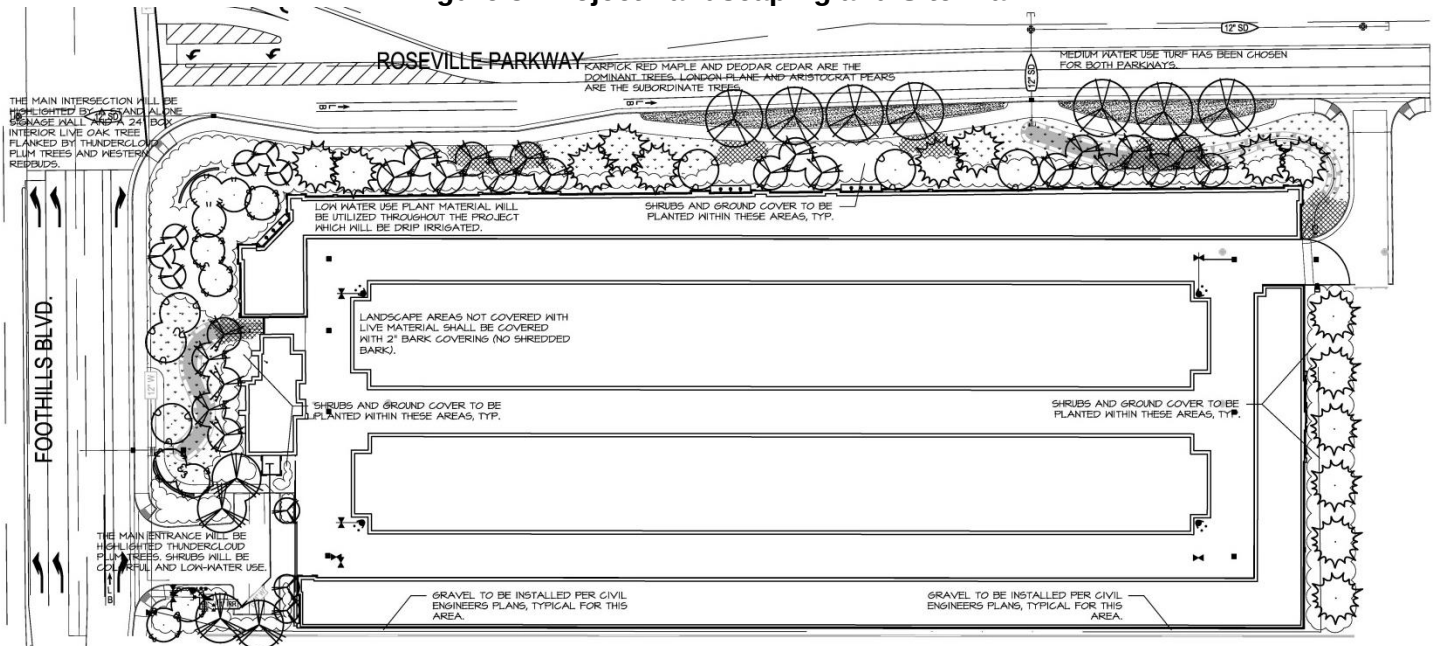
The proposed project involves grading the site, the construction of four self-storage buildings totaling approximately 106,000 square feet, the construction of a caretaker's residence and office of approximately 4,000 square feet, construction of frontage improvements, and construction of a small portion of Niblick Drive on the eastern side of the site (see Figure 3 on following page). Frontage improvements include landscaping and sidewalks along Foothills Boulevard and Roseville Parkway, landscaping along Niblick Drive, and a monument at the corner of Foothills Boulevard and Roseville Parkway. The self-storage buildings will be enclosed within a masonry wall which will include variations in materials and heights, and will include columns and tower elements. The wall height is designed to ensure that the self-storage buildings will not be visible from any of the surrounding public streets or adjoining properties.

The primary point of access for the Project will be a driveway on the southwestern corner of the site, which will allow both ingress and egress. A secondary point of access is proposed on the northeastern corner, which would outlet to the portion of Niblick Drive which will be improved for the project. An emergency access gate will be placed on Niblick Drive just to the south of this driveway, so that drivers may only use the roadway to access Roseville Parkway.

Figure 2: Project Vicinity



Figure 3: Project Landscaping and Site Plan



PURPOSE AND SCOPE OF ADDENDUM

A Mitigated Negative Declaration (MND) for the NIPA PCL 50–Foothills Corporate Center Grading Plan was adopted on October 11, 2012. The MND covered grading activities on the project site and surrounding properties; the MND, supporting Initial Study, and related attachments are included as Attachment 1 of this Addendum. The adopted MND analyzed impacts related to aesthetics, agricultural and forestry resources, air quality and greenhouse gases, biological resources, cultural resources, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, and utilities and service systems. The proposed project grading activities are consistent with the grading activities contemplated in the MND. The majority of impacts caused by a project occur due to the grading and construction work which disturbs the site, not due to the particular type of buildings being constructed, and thus the MND adequately covers most of the impacts of the self-storage project.

Of those impacts which are affected by building type, such as public services, these impacts were addressed by earlier Citywide and plan-wide environmental documents (as indicated in the MND), and that there are no new impacts provided a project is consistent with the existing land use designations. The proposed project is consistent with the land use designations of the property.

The analyses below rely on the MND analysis with minor supplements or technical updates where appropriate.

ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW

The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean that there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed with mitigations in prior environmental documents.

EXPLANATION OF CHECKLIST EVALUATION CATEGORIES

Where Impact was Analyzed

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

Do Proposed Changes Involve New Significant Impacts?

Pursuant to Section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project will result in new significant impacts that have not already been considered and mitigated by the prior environmental review documents and related approvals or a substantial increase in the severity of a previously identified impact.

Any new Circumstances Involving New Impacts?

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification or adoption of prior environmental documents, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

Any new Information Requiring New Analysis or Verification?

Pursuant to Section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified or adopted is available requiring an update to the analysis of the previous environmental documents to verify that the environmental

conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; or (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; or (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects on the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

Mitigation Measures Implemented or Addressing Impacts.

Pursuant to Section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in either instance. If “none” is indicated, this Environmental Review concludes a significant impact does not occur with this project, and therefore no mitigation was previously included and no mitigation is needed.

DISCUSSION AND MITIGATION SECTIONS

Discussion

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or that has already been implemented.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

Conclusions

A discussion of the conclusion relating to the analysis contained in each section.

CHECKLIST

I. Aesthetics

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures or New Measures Needed
a. Have a substantial adverse effect on a scenic vista?	Page 6	No	No	No	None
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	Same	No	No	No	None
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	Same	No	No	No	None
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	Same	No	No	No	None
Discussion: The primary aesthetic disruption is due to grading of the site, which converts the landscape from a natural setting with vegetation and rolling topography to flat, bare soil. This impact was covered in the MND. The Findings of Fact for the CEQA Implementing Procedures (discussed in the MND) indicate that compliance with the Zoning Ordinance (e.g. building height, setbacks, etc), Subdivision Ordinance (RMC Ch. 18), Community Design Guidelines (Resolution 95-347), and applicable Specific Plan Policies and/or Specific Plan Design Guidelines will prevent significant impacts related to construction of buildings in urban settings. Mitigation Measures: None required for this Project.					

II. Agricultural & Forestry Resources

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures or New Measures Needed
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Page 7	No	No	No	None
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	Same	No	No	No	None
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	Same	No	No	No	None
d) Result in the loss of forest land or conversion of forest land to non-forest use?	Same	No	No	No	None
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	Same	No	No	No	None
Discussion: The MND concluded there were no resources to be affected by grading and conversion of the site to urban uses. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

III. Air Quality and Greenhouse Gases

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with or obstruct implementation of the applicable air quality plan?	Page 9	No	No	No	None
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	Same	No	No	No	None
c) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	Same	No	No	No	None
d) Expose sensitive receptors to substantial pollutant concentrations?	Same	No	No	No	None
e) Create objectionable odors affecting a substantial number of people?	Same	No	No	No	None
f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Same	No	No	No	None
g) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Same	No	No	No	None

Discussion: The MND concluded that standard dust control and other construction measures would be sufficient to avoid construction impacts, and that Citywide measures for the control of greenhouse gases were likewise sufficient for both construction and operation of allowed uses on the site. The MND further found that there are no substantial odor-producers in the vicinity, and the probable uses on the site would not produce substantial odors. An operational-level analysis of primary pollutants other than greenhouse gases was not performed, but is not necessary for this particular Project in any case. The self-storage units will not be air conditioned, so will result in very little energy-related emissions, and also generate very little traffic, so will result in very little vehicle emissions. Though the project is within the jurisdiction of the Placer Air Pollution

Control District (PCAPCD), the Sacramento Metropolitan Air Quality Management District's (SMAQMD) Guide To Air Quality Assessment nonetheless provides relevant information on this topic. That guide includes screening tables indicating how large a project must be before air quality modeling is necessary. These screening tables show that uses generating low trips generally need to involve several hundred thousand square feet before modeling would be required to determine significance. The SMAQMD and PCAPCD significance thresholds are very similar, at 85 pounds per day for ROG and NOx and 82 pounds per day, respectively. Given that the project is approximately 110,000 square feet, which is ½ to 1/3 of the size which would necessitate modeling, it can be concluded that impacts are not significant.

Mitigation Measures: None required for this Project.

IV. Biological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	Page 17	No	No	No	MM2
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Same	No	No	No	None
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	Same	No	No	No	MM1
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Same	No	No	No	None
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Same	No	No	No	None

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	Same	No	No	No	None
Discussion: The MND included a Wetland Delineation and Special Status Species Assessment, and Biological Opinion. It was determined that wetlands were present, and the US Fish and Wildlife Services determined the grading plan included the potential to affect listed vernal pool crustaceans. Subsequent to approval of the grading plan, both Section 404 and Section 401 permits were issued permitting fill of the wetlands. However, none of the delineated wetlands are located on the current Project site; they were located on surrounding properties. Thus, the proposed Project does not have the potential to affect wetlands, nor does it have the potential to affect the special status species which rely on wetlands, such as vernal pool crustaceans. Thus, neither Mitigation Measure MM1 (wetland compensation) nor MM2 (special status species surveys/mitigation) apply to this Project. Mitigation Measures: None required for this Project.					

V. Cultural Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Cause a substantial adverse change in the significance of an historic resource as defined in Section 15064.5?	Page 18	No	No	No	MM3
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	Same	No	No	No	MM3
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Same	No	No	No	MM3
d) Disturb any human remains, including those interred outside of formal cemeteries?	Same	No	No	No	MM3

Discussion: The MND discussed the potential for subsurface remains or deposits to be found on the site, and included a mitigation measure requiring a cessation of work should any item of cultural interest be found. The mitigation was found to render potential impacts less than significant. This mitigation remains applicable to the proposed Project.

Mitigation Measures: MM3—In the event of the discovery of buried paleontological, archaeological, or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's Office shall be contacted immediately. The Coroner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.

VI. Geology and Soils

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	Page 19	No	No	No	None
i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	Same	No	No	No	None
ii) Strong seismic ground shaking?	Same	No	No	No	None
iii) Seismic-related ground failure, including liquefaction?	Same	No	No	No	None
iv) Landslides?	Same	No	No	No	None
b) Result in substantial soil erosion or the loss of topsoil?	Same	No	No	No	None
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	Same	No	No	No	None
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	Same	No	No	No	None

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	Same	No	No	No	None
Discussion: The MND indicated that compliance with existing regulations and permit requirements would be sufficient to avoid impacts related to these issues. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

VII. Hazards and Hazardous Materials

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Page 21	No	No	No	None
b) Create a significant hazard to the public or the environment though reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	Same	No	No	No	None
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within on-quarter mile of an existing or proposed school?	Same	No	No	No	None
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	Same	No	No	No	None

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	Same	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area?	Same	No	No	No	None
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Same	No	No	No	None
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	Same	No	No	No	None
Discussion: The MND concluded that existing regulations and permits would prevent significant impacts as it relates to construction activities on the site, but did not discuss operations because the impact is highly dependent on the specific type of use. Though land designated for industrial uses could house operations which use or handle large quantities of hazardous materials, a self-storage facility is not such a use. The office and caretaker's residence would have only those materials commonly found in households. Self-storage facilities also have rules prohibiting the personal storage of hazardous or noxious materials within the storage units. Thus, the operational Project would not result in significant impacts related to this topic. Mitigation Measures: None required for this Project.					

VIII. Hydrology and Water Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Violate any water quality standards or waste discharge requirements?	Page 23	No	No	No	None
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	Same	No	No	No	None
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off-site?	Same	No	No	No	None
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site?	Same	No	No	No	None
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted water?	Same	No	No	No	None
f) Otherwise substantially degrade water quality?	Same	No	No	No	None

g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	Same	No	No	No	None
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	Same	No	No	No	None
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	Same	No	No	No	None
j) Inundation by seiches, tsunami, or mudflow?	Same	No	No	No	None
Discussion: The MND indicated that there would be no impact with respect to flooding, and that existing regulations and permits would ensure that water quality and stormwater impacts would be less than significant. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

IX. Land Use and Planning

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Physically divide an established community?	Page 24	No	No	No	None
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	Same	No	No	No	None
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Same	No	No	No	None
Discussion: The MND concluded that developing the property consistent with its land use designations would not result in significant impacts. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

X. Mineral Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	Page 24	No	No	No	None
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	Same	No	No	No	None
Discussion: The MND indicated that there were no significant mineral resources in the area. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

XI. Noise

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Exposer of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Page 25	No	No	No	None

b) Exposure of persons to or generation of excessive ground borne vibration of ground borne noise levels?	Same	No	No	No	None
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	Same	No	No	No	None
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	Same	No	No	No	None
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	Same	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	Same	No	No	No	None

Discussion: The MND addressed construction noise, and found the impact to be less than significant. In terms of operational noise, a self-storage facility is not a noise-generating use and there are no sensitive noise receptors (such as homes) near the site; there will be no significant impacts which result from its operation.

Mitigation Measures: None required for this Project.

XII. Population and Housing

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, though extension of roads or other infrastructure)?	Page 26	No	No	No	None
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	Same	No	No	No	None
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	Same	No	No	No	None
Discussion: The MND concluded that site development was not housing-related, was consistent with land use designations and thus would not induce unplanned growth, and would not displace housing. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

XIII. Public Services

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services:					
a) Fire protection?	Page 26	No	No	No	None
b) Police protection?	Same	No	No	No	None
c) Schools?	Same	No	No	No	None
d) Parks?	Same	No	No	No	None
e) Other public facilities?	Same	No	No	No	None
Discussion: The MND indicates that the City's General Plan examined Citywide service needs based on land use designations, so any project consistent with existing land use designations would not negatively impact services. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

XIV. Recreation

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?	Page 27	No	No	No	None
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	Same	No	No	No	None
Discussion: As indicated in the MND, development of an industrial property does not result in any additional recreational facility demand. Mitigation Measures: None required for this Project.					

XV. Transportation/Traffic

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	Page 28	No	No	No	None
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	Same	No	No	No	None
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	Same	No	No	No	None
d) Substantially increase hazards due to a design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Same	No	No	No	None
e) Result in inadequate emergency access?	Same	No	No	No	None

f) Conflict with adopted policies, plans, or programs supporting public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	Same	No	No	No	None
Discussion: As stated in the MND, the Citywide traffic analysis of the General Plan was based on the existing land use designations. Projects consistent with the existing land use designations will not result in any new impacts. The developer will be required to pay Citywide fees that support the Capital Improvement Plan. This conclusion remains appropriate for this Project. Mitigation Measures: None required for this Project.					

XVI. Utilities and Service Systems

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	Page 28	No	No	No	None
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	Same	No	No	No	None
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	Same	No	No	No	None

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	Same	No	No	No	None
e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	Same	No	No	No	None
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	Same	No	No	No	None
g) Comply with federal, state, and local statutes and regulations related to solid waste?	Same	No	No	No	None

Discussion: The MND addressed only the grading impacts. However, as described in the MND, the City's General Plan EIR analysis was based on development consistent with existing land use designations. The analysis discussed water, sewer, and landfill demand. The Project is consistent with existing land use designations, and will not result in significant impacts.

Mitigation Measures: None required for this Project.

XVII. Mandatory Findings of Significance

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	Page 30	No	No	No	None
b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	Same	No	No	No	None
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Same	No	No	No	None

Discussion: The MND indicated that because development of the site would be consistent with existing land use designations, that any cumulative impacts had already been addressed via the City's General Plan. This conclusion remains appropriate for this Project.

ENVIRONMENTAL DETERMINATION:

In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR or negative declaration and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the Addendum to the NIPA PCL 50–Foothills Corporate Center Grading Plan Mitigated Negative Declaration (SCH # 2012092002, certified October 11, 2012), the Lead Agency makes the following findings:

[X] No substantial changes are proposed in the project which would require major revisions of the previous EIR or negative declaration.

[X] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[X] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete or the Negative Declaration was adopted.

[X] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:

Lauren Hocker, Associate Planner
City of Roseville, Planning Division

Attachments:

1. October 11, 2012 adopted Mitigated Negative Declaration and Initial Study

**Traffic Impact Technical Analysis for:
Lantech Business Center**

**Submitted to:
City of Roseville**

February 17, 1992



Fehr & Peers Associates
Transportation Consultants

775 Sunrise Avenue
Suite 140
Roseville, CA 95661
916 773-1900

FAX 916 773-2015

**Traffic Impact Technical Analysis for
Lantech Business Center**

**February 17, 1992
922-202**



Fehr & Peers Associates
Transportation Consultants

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916 773-1900

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I. INTRODUCTION

A. Purpose

This report identifies the traffic impacts from the proposed Lantech Business Center located on the east side of Foothill Boulevard about half a mile south of Blue Oaks Boulevard (see Figure 1). Currently the Business Center is zoned entirely for light industrial. The project proponent wishes to rezone of 7.4 acres of the 50.1 acre site from light industrial to commercial.

Because the proposed rezoning will result in more than 50 p.m. peak hour trips, the City is requiring that a traffic impact study be prepared addressing both short-term and long-term project impacts at selected study intersections.

The short-term analysis focused on potential traffic impacts of the entire proposed development on existing traffic conditions in the immediate area. The long-term analysis focused on the impact of the rezone of the 7.4 acres from light industrial to commercial. The study also evaluated access to the site and driveway throat depth.

B. Scope

The City of Roseville's engineering staff identified the following intersections for analysis:

- | | |
|------------|--|
| Short Term | <ul style="list-style-type: none">• Foothill Boulevard/main access to Hewlett-Packard• Foothill Boulevard/secondary access to Hewlett-Packard• Foothill Boulevard/Blue Oaks Boulevard |
| Long Term | <ul style="list-style-type: none">• Roseville Parkway/Foothill Boulevard• Foothill Boulevard/Techcenter Drive• Foothill Boulevard/Blue Oaks Boulevard• Roseville Boulevard/Washington Boulevard• Roseville Parkway/Pleasant Grove Boulevard• Washington Boulevard/Blue Oaks Boulevard• Foothill Boulevard/Pleasant Grove Boulevard• Roseville Parkway/Harding Boulevard |

Our study focused on the impacts during the p.m. peak hour, which is when the roadways experience the heaviest traffic conditions.

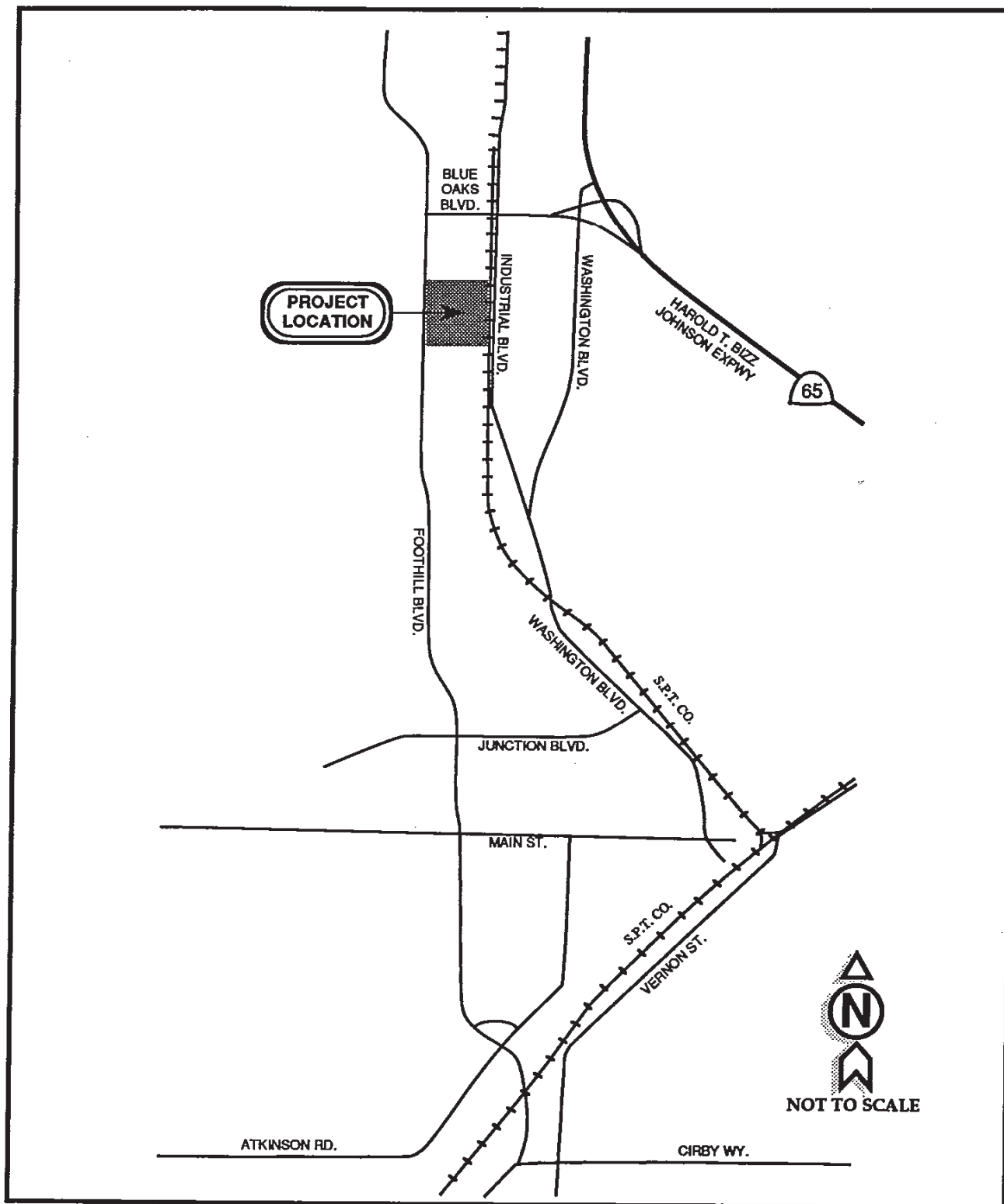


FIGURE 1

PROJECT LOCATION

fp Fehr & Peers Associates, Inc.
Transportation Consultants

II. EXISTING CONDITIONS

The current major roadway circulation system near the proposed project consists of Foothill Boulevard, Blue Oaks Boulevard and the Highway 65 Expressway (see Figure 1). Foothill Boulevard is a major north-south multi-lane arterial traversing almost the entire length of the City. Blue Oaks Boulevard is a east-west roadway that connects Foothill Boulevard with the Highway 65 Expressway. The Highway 65 Expressway connects Interstate 80 with Highway 65.

A. Traffic Volumes

Fehr & Peers Associates conducted p.m. peak period traffic counts on Wednesday, January 29, 1992 at the intersections of Foothill Boulevard/main access to Hewlett-Packard, Foothill Boulevard/secondary access to Hewlett-Packard, and Foothill Boulevard/Blue Oaks Boulevard. Figure 2 shows the p.m. peak hour traffic volumes at the study intersections.

B. Level of Service

We calculated the Level of Service at each study intersection. Level of Service is term used to describe the level of congestion experienced by an intersection. Service levels range from A (representing uncongested conditions) to F (representing congested conditions). Table 1 describes the breakdown in service levels. The methods for calculating service levels are:

Signalized Intersections - We calculated the Level of Service at the signalized intersections using the Transportation Research Board's Circular 212 planning methodology. The service level for a signalized intersection represents the average for the entire intersection. The City has adopted a policy to maintain or achieve Level of Service C at all signalized intersections.

Unsignalized Intersections - We calculated the Level of Service at the unsignalized intersections using the 1985 Highway Capacity Manual methodology. The service levels at unsignalized intersections are computed for each turning movement. We reported the turning movement with the worst Level of Service, which is usually the left-turns from a minor street to a major street. Also, we checked the unsignalized intersections to see if they warrant a traffic signal.

The current service levels at the study intersections are:

<u>Intersection</u>	<u>Control Type</u>	<u>V/C</u>	<u>LOS</u>
Foothill Blvd/Hewlett-Packard main access	Signalized	0.19	A
Foothill Blvd/Hewlett-Packard secondary access	Signalized	0.21	A
Foothill Boulevard/Blue Oaks Boulevard	Unsignalized	n/a ¹	B

As shown by the service levels, the three study intersection currently experience very little delay. The unsignalized intersection of Foothill Boulevard/Blue Oaks Boulevard does not have sufficient traffic volume to warrant a signal.

¹ The volume-to-capacity ratio is not applicable to unsignalized intersections

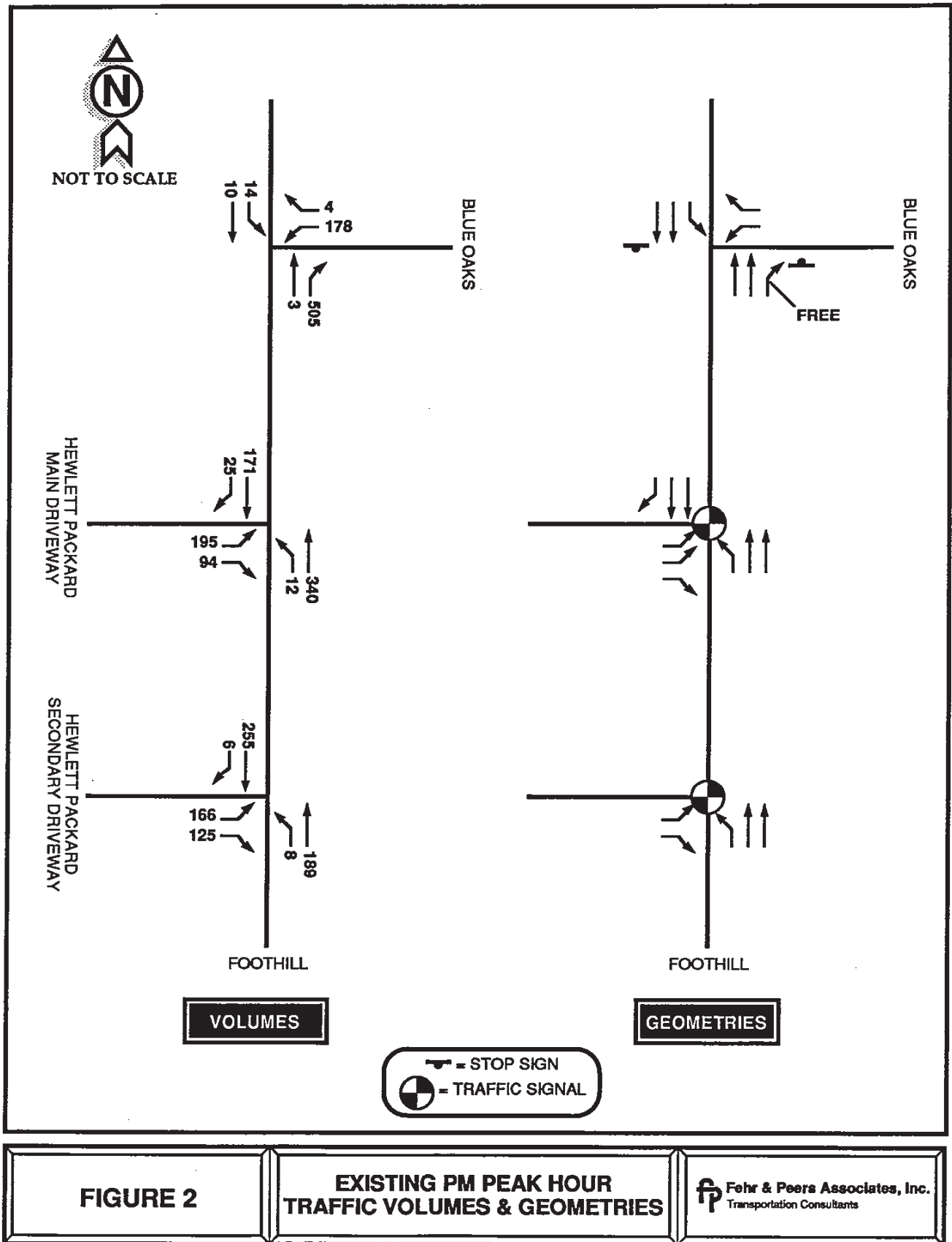


FIGURE 2

**EXISTING PM PEAK HOUR
TRAFFIC VOLUMES & GEOMETRIES**

fp Fehr & Peers Associates, Inc.
Transportation Consultants

Table 1

LEVEL OF SERVICE DEFINITIONS FOR SIGNALIZED INTERSECTIONS

<u>Level of Service</u>	<u>Description</u>	<u>Range of Volume Capacity Ratio</u>
A	Free Flow/Insignificant Delays: No approach phase is fully utilized by traffic and no vehicle waits through more than one red indication; excellent traffic operation.	0.00 - 0.59
B	Stable Operation/Minimum Delays: An occasional approach phase is fully utilized; platoons of vehicles are formed; very good traffic operation.	0.60 - 0.69
C	Stable Operation/Acceptable Delays: Major approach phase may become fully utilized; driver may occasionally have to wait through more than one indication; good traffic operation.	0.70 - 0.79
D	Approaching Unstable/Tolerable Delays: queues may develop but dissipate rapidly without excessive delays; fair traffic operation.	0.80 - 0.89
E	Unstable Operation/Significant Delays: Volumes at or near capacity; vehicles may wait through several signal cycles, long queues form upstream from intersection; poor traffic operation	0.90 - 0.99
F	Forced Flow/Excessive Delays: Represents jammed conditions; intersection operates below capacity with low volumes; queues may block upstream intersections.	1.00 - over

LEVEL OF SERVICE DEFINITIONS FOR STOP CONTROLLED INTERSECTIONS

<u>Reserve Capacity (PCPH)</u>	<u>Level of Service</u>	<u>Expected Delay</u>
≥ 400	A	Little or no delay
300-399	B	Short traffic delays
200-299	C	Average traffic delays
100-199	D	Long traffic delays
0-99	E	Very long traffic delays
*	F	*

* When demand volume exceeds the capacity of the lane, extreme delays will be encountered with queuing which may cause severe congestion affecting other traffic movements in the intersection. This condition usually warrants improvement to the intersection.

Source: 1985 Highway Capacity Manual

III. PROJECT IMPACTS

The proposed Lantech Business Center consists of 50.1 acres located on the east side of Foothill Boulevard across the street from the Hewlett-Packard complex about a half mile south of Blue Oaks Boulevard (see Figure 3). The proposed Business Center is comprised of two land uses, 7.4 acres of commercial and 42.7 acres of light industrial.

A. Trip Generation

According to information published by the Institute of Transportation Engineers (ITE), the light industrial part of the Business Center averages 11,060 square feet of gross leasable floor area for every acre. The commercial portion of the site was assumed to average 10,000 square feet of gross leasable floor area for every acre. Using the above square footages and trip generation rates published by ITE, the Business Center will generate approximately 5,790 daily, 470 a.m. and 730 p.m. peak hour trips (see Table 2).

The 7.4 acres of commercial includes a 40% reduction for pass-by traffic. Pass-by traffic is existing traffic on the adjacent roadways that uses the commercial facility. The pass-by traffic does not change the amount of traffic on the adjacent roadways but it does add traffic to the driveways of the commercial facility.

B. Traffic Distribution

We estimated the distribution of the Business Center's traffic by examining current traffic patterns and the traffic distribution from the Roseville 2005 traffic model. The following is a summary of the project's traffic distribution:

40% North on Foothill Boulevard
60% South on Foothill Boulevard

C. Traffic Volumes

Figure 4 shows the p.m. peak hour traffic volumes with the addition of the Business Center's traffic. The largest increase in traffic is on Foothill Boulevard just south of Lantech Drive, which increases by about 50%.

D. Level of Service

Table 3 shows that with the addition of the Business Center's traffic, three study intersections will continue to operate at their current service levels. The two signalized intersections at Foothill Boulevard/Hewlett-Packard's main entrance and Foothill Boulevard/Hewlett-Packard's secondary entrance will continue to operate at Level of Service A. The unsignalized intersection of Foothill Boulevard/Blue Oaks Boulevard will continue to operate at Level of Service B.

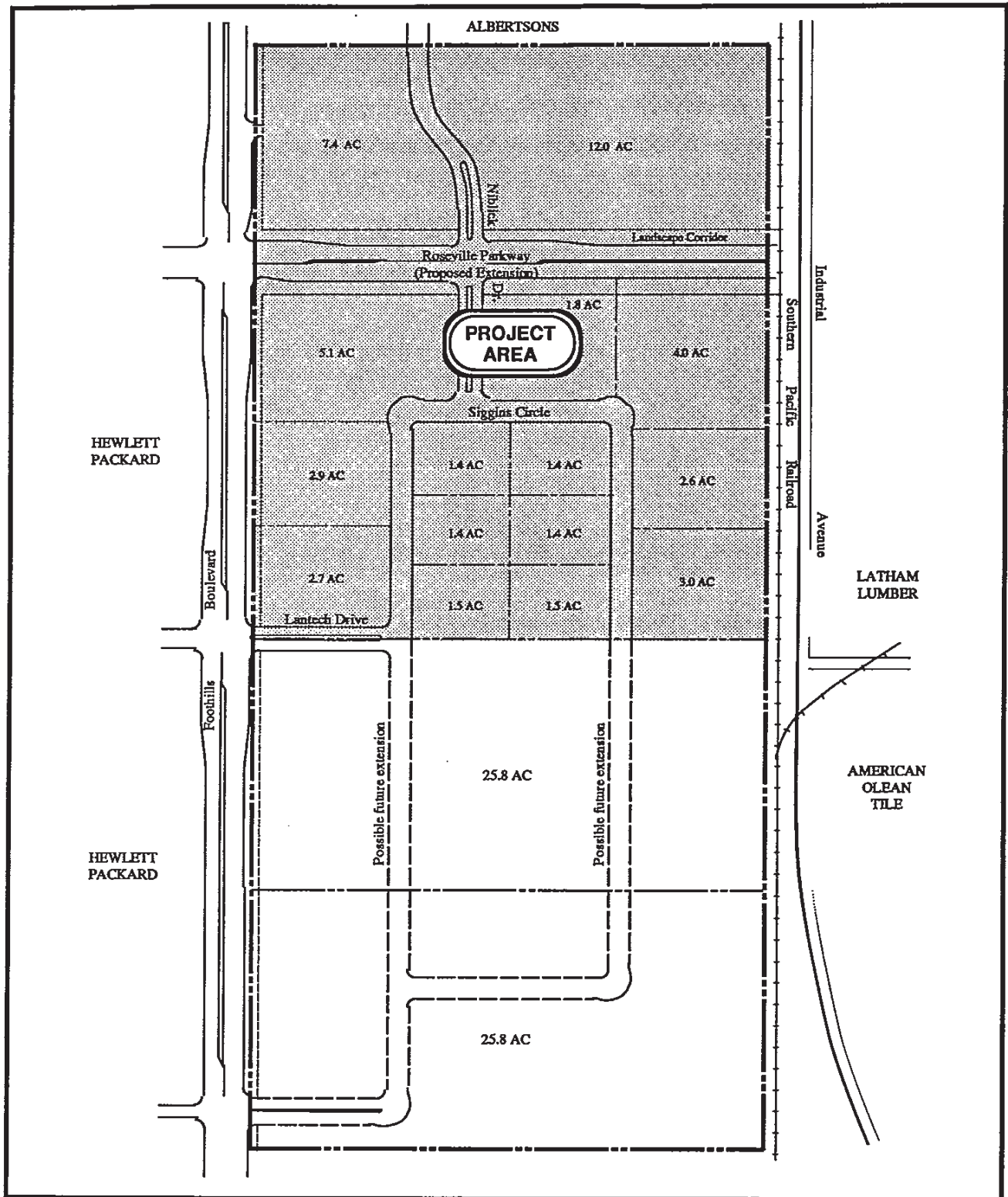


FIGURE 3

PROJECT AREA

fp Fehr & Peers Associates, Inc.
Transportation Consultants

Table 2
Trip Generation

Land Use	Acres	Square Feet	Daily	A.M. Peak Hour		P.M. Peak Hour	
				In	Out	In	Out
Light Industrial	42.7	472,260	3,103	318	70	85	319
Commercial ¹	<u>7.4</u>	74,000	<u>2,689</u>	<u>51</u>	<u>31</u>	<u>163</u>	<u>162</u>
Total	50.1		5,792	369	101	248	481

ITE Trip Generation Rates:

	Daily	A.M.	P.M.
Industrial Park ²	$T = 4.949 (x) + 765.587$	$\ln (T) = 0.818 \ln (x) + 0.916$	$T = [(1.027/x) + 0.00064]^{-1}$
Commercial ³	$\ln(T) = 0.625 \ln (x) + 5.985$	$\ln (T) = 0.589 \ln (x) + 2.378$	$\ln(T) = 0.637 \ln(x) + 3.553$

T = Total trips
Ln = Natural Log
X = 1,000 square feet

- ¹ Assumes a 40% reduction for pass-by traffic.
² Assumes 11,060 square feet of gross leasable area per acre.
³ Assumes 10,000 square feet of gross leasable area per acre.

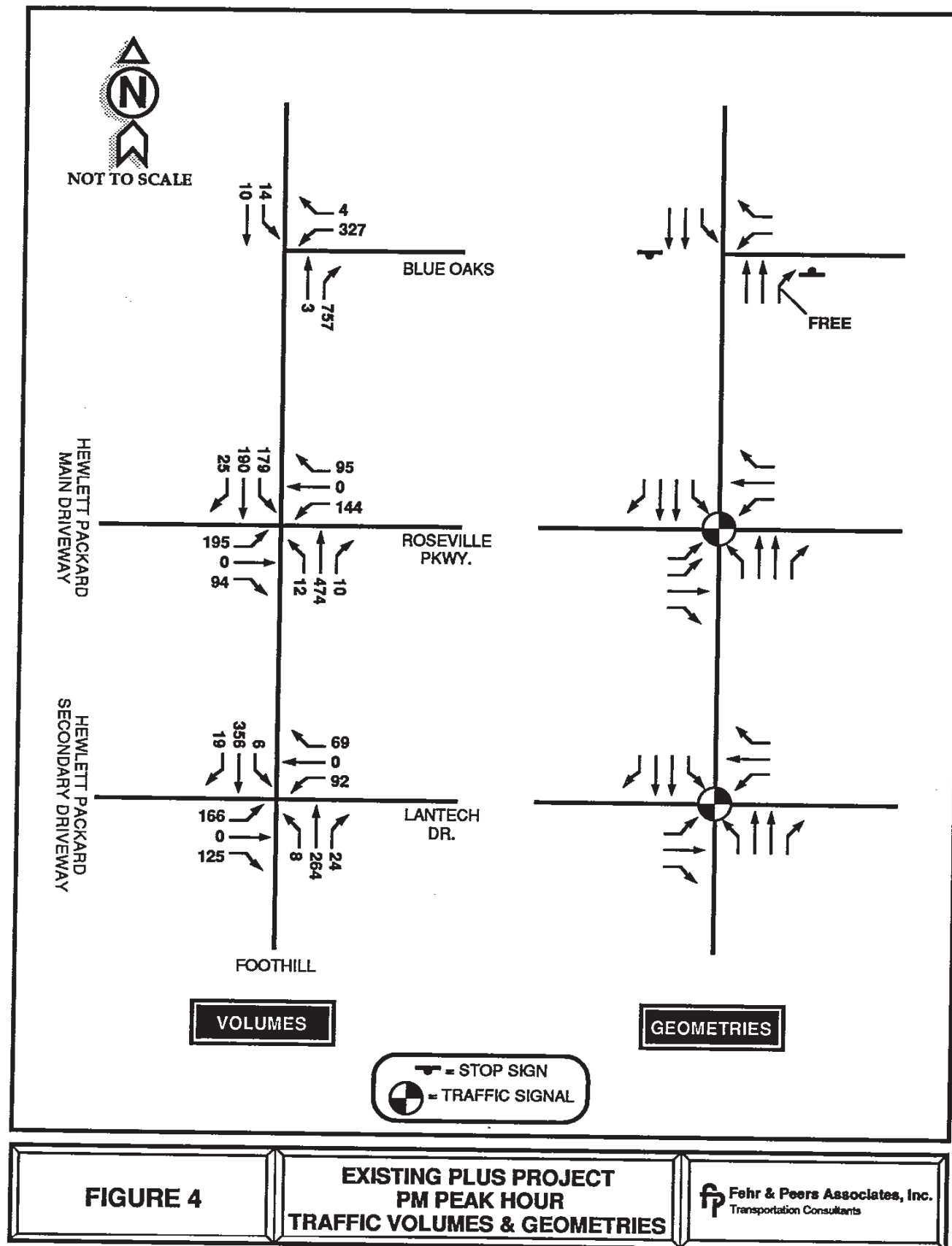


FIGURE 4

**EXISTING PLUS PROJECT
PM PEAK HOUR
TRAFFIC VOLUMES & GEOMETRIES**

fp Fehr & Peers Associates, Inc.
Transportation Consultants

Table 3
P.M. Peak Hour Level of Service
Short-Term Conditions

<u>Intersection</u>	<u>Existing</u>		<u>Existing + Project</u>	
	<u>V/C</u>	<u>LOS</u>	<u>V/C</u>	<u>LOS</u>
SIGNALIZED				
Foothill Blvd./Hewlett-Packard Main Entrance	0.19	A	0.38	A
Foothill Blvd./Hewlett-Packard Secondary Entrance	0.21	A	0.26	A
UNSIGNALIZED¹				
Foothill Blvd./Blue Oaks Blvd.	N/A	B	N/A	B

¹ Volume-to-capacity ratio not applicable to unsignalized intersections.

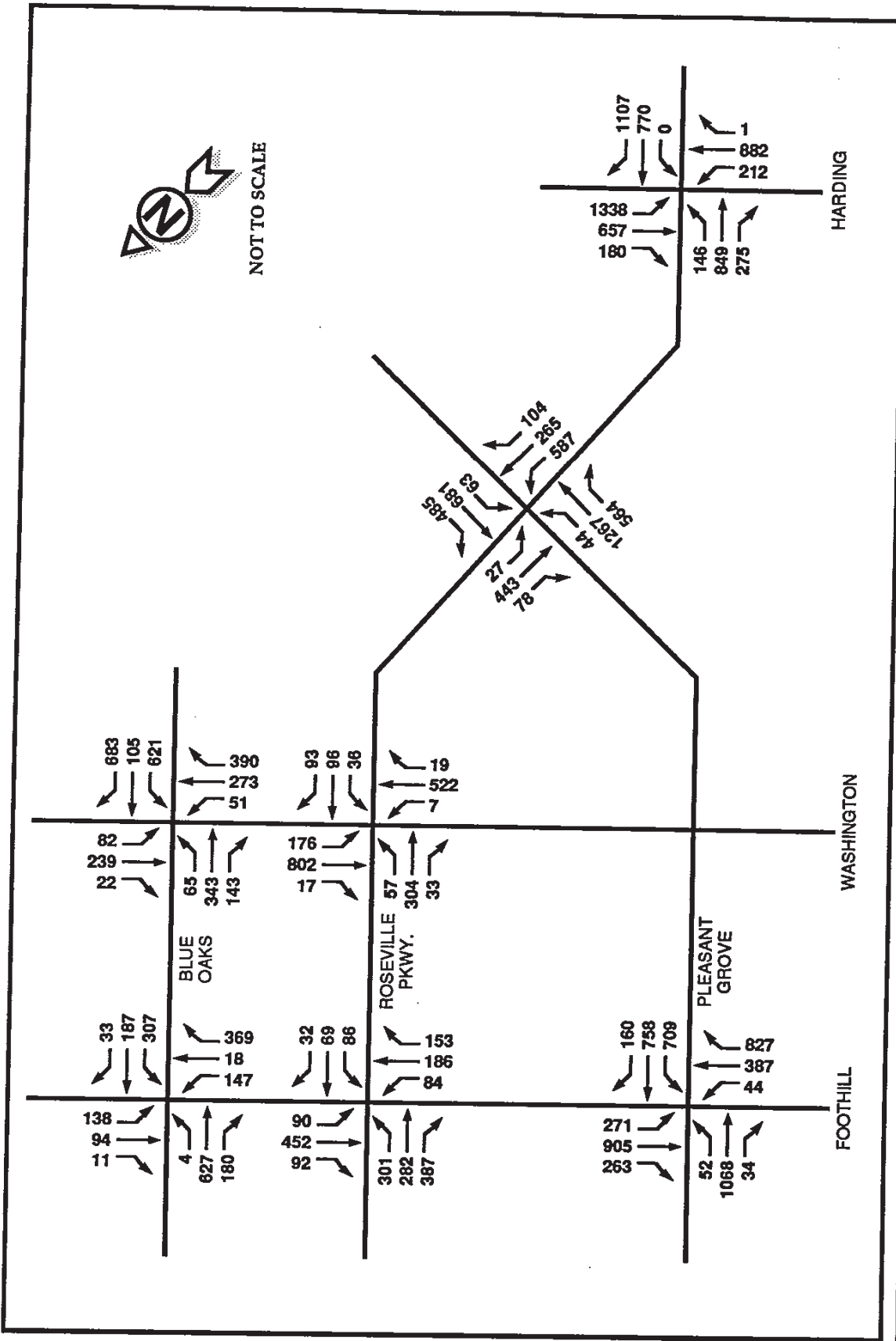
IV. FUTURE CONDITIONS

City staff provided Fehr & Peers Associates year 2010 traffic volumes for eight intersections. The traffic model from which the volumes are based assumed that the 50.1 acre site develops entirely with light industrial uses (see Figure 3). Our analysis identifies the impacts of rezoning 7.4 acres to commercial. The study intersections are:

- Roseville Parkway/Foothill Boulevard
- Foothill Boulevard/Blue Oaks Boulevard
- Roseville Boulevard/Washington Boulevard
- Roseville Parkway/Pleasant Grove Boulevard
- Washington Boulevard/Blue Oaks Boulevard
- Foothill Boulevard/Pleasant Grove Boulevard
- Roseville Parkway/Harding Boulevard

Figure 5 shows the future 2010 traffic volumes at the study intersections. The City also provided us with the intersection geometries from which we determined the intersection service levels (see Figure 6). Table 4 shows that all the intersections operate at Level of Service C or better.

The proposed Lantech Business Center is included in the future 2010 traffic conditions as 50.1 acres of light industrial. However, the proposed rezone of the 7.4 acres from light industrial to commercial is not represented in the future conditions. The next section identifies the impacts resulting from rezoning the 7.4 acre site.



fp Fehr & Peers Associates, Inc.
Transportation Consultants

**FUTURE BASE
PM PEAK HOUR TRAFFIC VOLUMES**

FIGURE 5

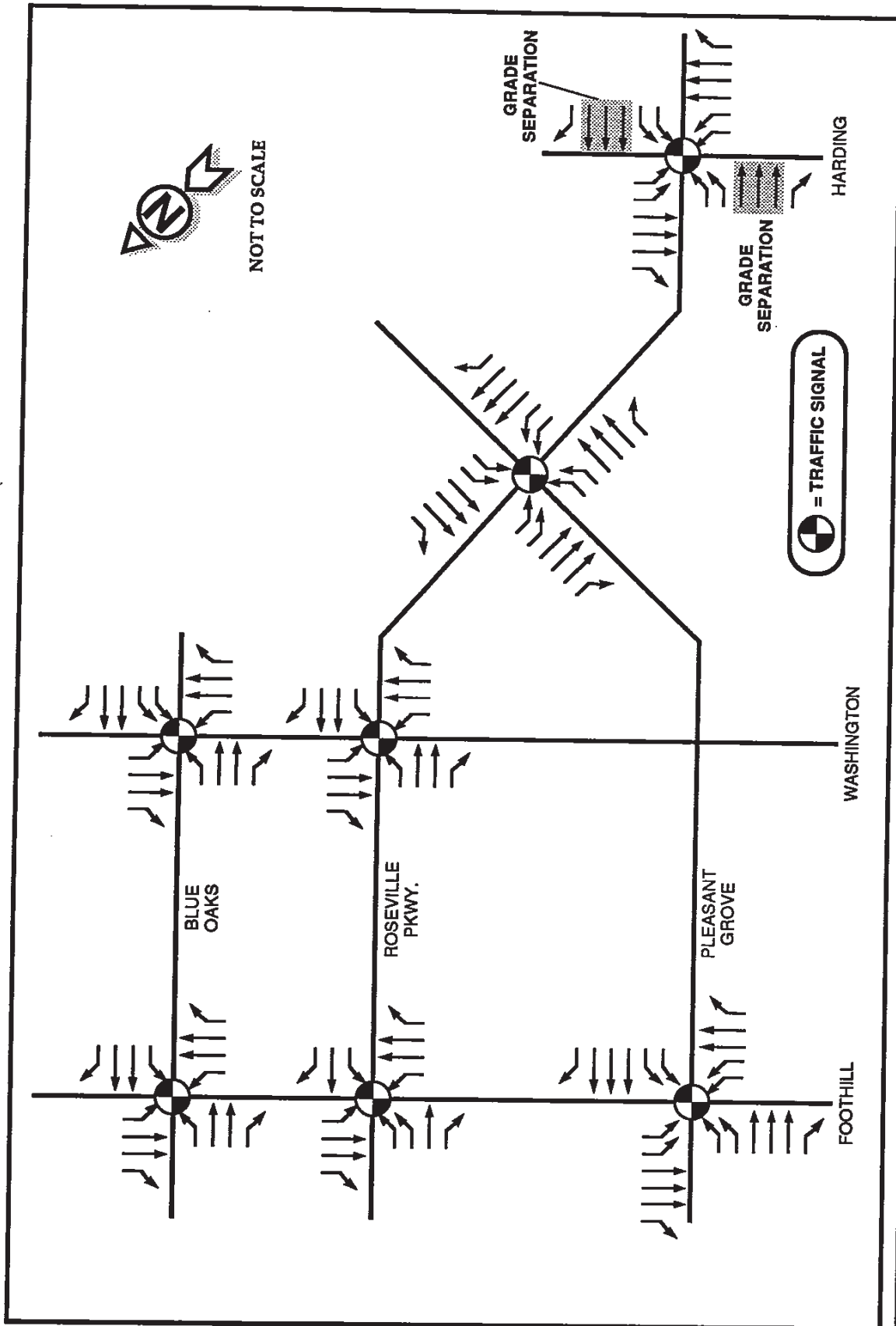


FIGURE 6

FUTURE LANE GEOMETRIES

fp Fehr & Peera Associates, Inc.
Transportation Consultants

Table 4
P.M. Peak Hour Level of Service
Long-Term Conditions

<u>Intersection</u>	<u>Future Base</u>	
	<u>V/C</u>	<u>LOS</u>
Foothill Blvd./Blue Oaks Blvd.	0.59	A
Blue Oaks Blvd./Washington Blvd.	0.51	A
Roseville Pkwy./Foothill Blvd.	0.48	A
Foothill Blvd./Pleasant Grove Blvd.	0.76	C
Roseville Pkwy./Washington Blvd.	0.45	A
Roseville Pkwy./Pleasant Grove Blvd.	0.65	B
Roseville Pkwy./Harding Blvd. ¹	0.76	C

¹ Assumes grade separation improvements.

V. IMPACTS OF 7.4 ACRE REZONE ON FUTURE CONDITIONS

This section describes the impacts from replacing the 7.4 acres of light industrial with commercial under future conditions. The 7.4 acre site is located at the northeast corner of the Foothill Boulevard/Roseville Parkway intersection (see Figure 7). Access to the site will be from a driveway on Foothill Boulevard and at Niblick Drive. The driveway on Foothill Boulevard will prohibit left-turns out. The intersection of Roseville Parkway/Niblick Drive will permit all turning movements except for northbound and southbound left-turns from Niblick Drive.

Table 5 compares the trip generation of the 7.4 acre site for light industrial versus commercial uses. The commercial uses will result in a net increase of 2,284 daily trips, 28 a.m. peak hour trips, and 266 p.m. peak hour trips. We assigned the commercial trips to the roadway network using a spatial distribution derived from the traffic model:

2%	North on Foothill Boulevard
52%	East on Roseville Parkway and North on Washington Blvd. to Highway 65
25%	East on Roseville Parkway
21%	South on Foothill Boulevard

Figure 8 shows the traffic volumes, with the 7.4 acres of commercial at the study intersections. As shown in Table 6 the service levels do not change as a result of the 7.4 acre commercial rezone. All of the intersections will operate at Level of Service C or better.

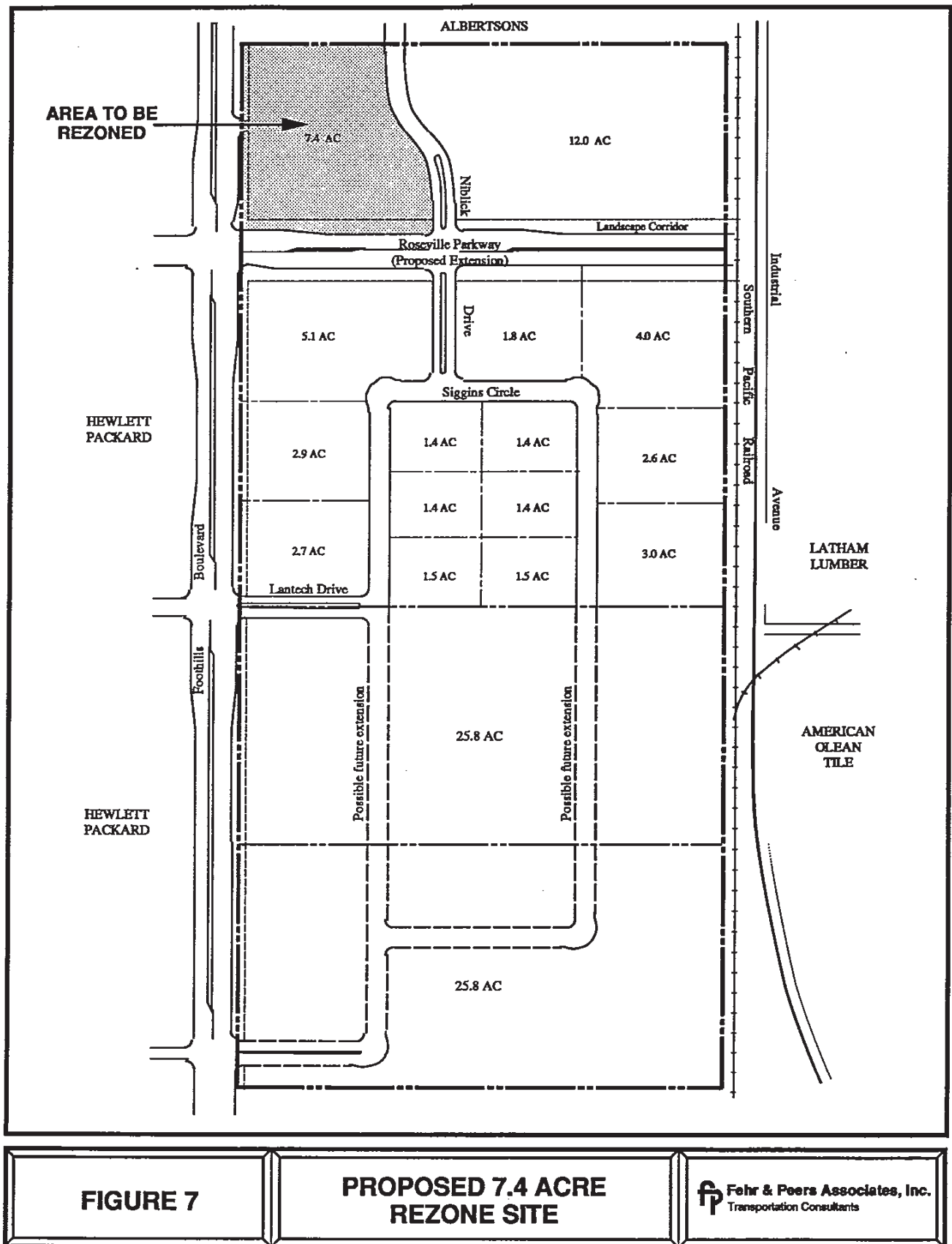


FIGURE 7

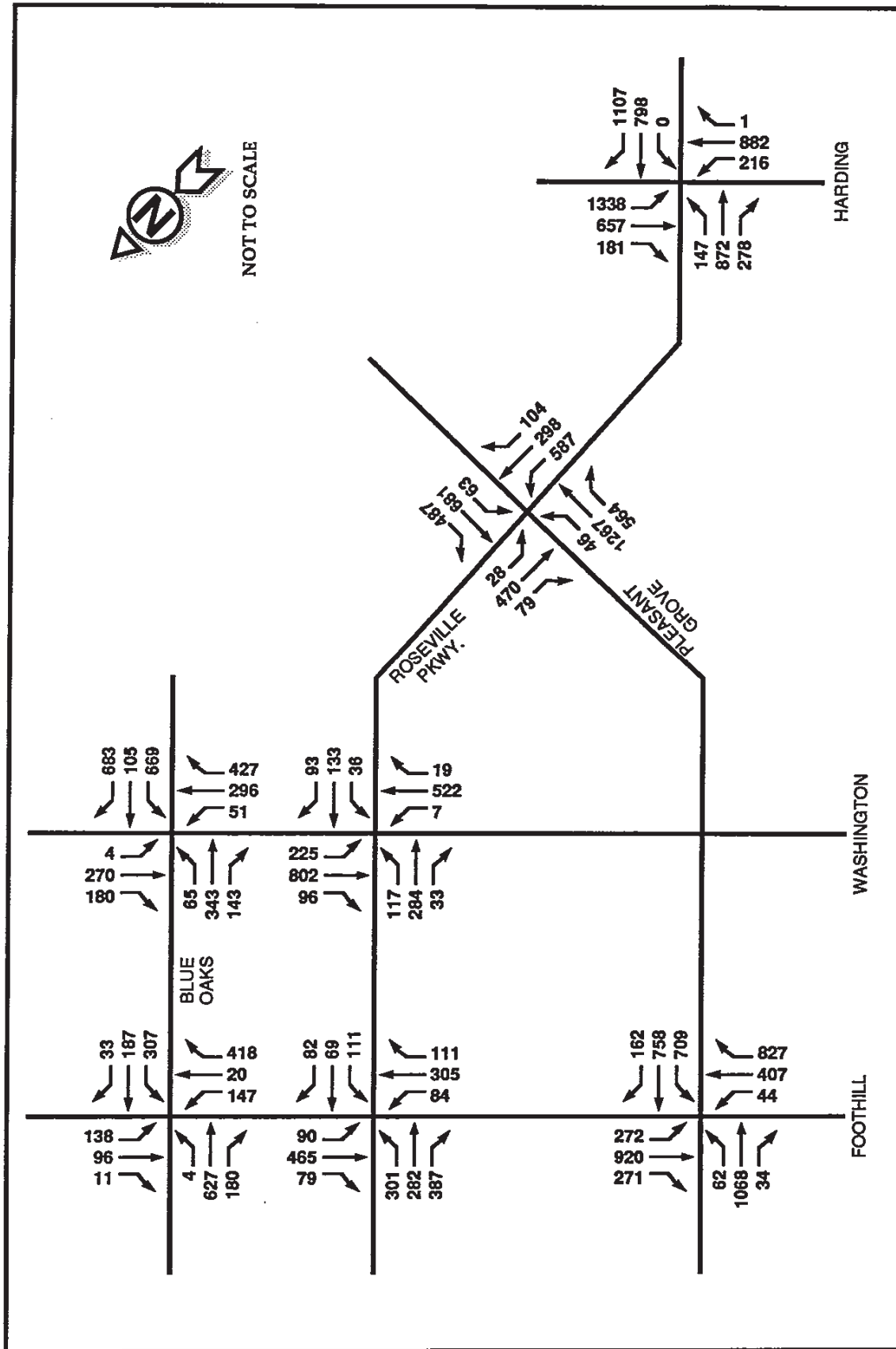
**PROPOSED 7.4 ACRE
REZONE SITE**

fp Fehr & Peers Associates, Inc.
Transportation Consultants

Table 5
Trip Generation Comparison
Proposed Versus Approved

<u>Scenario</u>	<u>Land Use</u>	<u>Acres</u>	<u>Square Feet</u>	<u>Trips</u>		
				<u>Daily</u>	<u>A.M. Peak Hour</u>	<u>P.M. Peak Hour</u>
Approved	Light Industrial	50.1	554,110	3,508	442	464
Proposed	Light Industrial	42.7	472,260	3,103	388	404
	Commercial ¹	<u>7.4</u>	<u>74,000</u>	<u>2,689</u>	<u>82</u>	<u>326</u>
	Proposed total	50.1	546,260	5,792	470	730
	Net Increase			2,284	28	266

¹ Assumes 40% reduction for pass-by traffic.



**FUTURE WITH 7.4 ACRE COMMERCIAL REZONE
PM PEAK HOUR TRAFFIC VOLUMES**

FIGURE 8

Table 6
P.M. Peak Hour Level of Service
Long Term Conditions

<u>Intersection</u>	<u>Future Base</u>		<u>Future</u> <u>W/Commercial</u>	
	<u>V/C</u>	<u>LOS</u>	<u>V/C</u>	<u>LOS</u>
Foothill Blvd./Blue Oaks Blvd.	0.59	A	0.59	A
Blue Oaks Blvd./Washington Blvd.	0.51	A	0.50	A
Roseville Pkwy./Foothill Blvd.	0.48	A	0.52	A
Foothill Blvd./Pleasant Grove Blvd.	0.76	C	0.76	C
Roseville Pkwy./Washington Blvd.	0.45	A	0.49	A
Roseville Pkwy./Pleasant Grove Blvd.	0.65	B	0.66	B
Roseville Pkwy./Harding Blvd. ¹	0.76	C	0.76	C

¹ Assumes grade separation improvements.

VI. PROJECT ACCESS

Fehr & Peers Associates evaluated project access under both short- and long-term conditions.

A. Short-Term Conditions

Under short-term conditions, Lantech Drive crosses the southern portion of the project and intersects Foothill Boulevard across from Hewlett-Packard's secondary access road (see Figure 3). Another road, which will become Roseville Parkway in the future, traverses the middle of the project site and intersects Foothill Boulevard across from Hewlett-Packard's main access road. As described under project impacts, both intersections will operate at Level of Service A with the addition of the Business Center's traffic. The proposed throat depths at the two intersections are within the City's standards. The westbound left-turn storage lane at the Roseville Parkway/Foothill Boulevard intersection should be extended to a minimum of 200'.

A third driveway at Foothill Boulevard, north of Roseville Parkway, accesses the proposed commercial site and permits all turning movements except for left-turns out. The southbound left-turn storage lane to the commercial site should be a minimum of 50'. A throat depth of 25' is adequate for this driveway.

B. Long-Term Conditions

For year 2010 conditions, Fehr & Peers Associates evaluated site access at Lantech Drive, Niblick Drive, and the commercial site's driveway to Foothill Boulevard (see Figure 7). With the traffic from the Business Center, the three intersections will continue to operate at Level of Service A:

<u>Intersection</u>	<u>2010 Base</u>		<u>2010 Base</u>	
	<u>v/c</u>	<u>LOS</u>	<u>with Rezone</u>	<u>LOS</u>
Roseville Parkway/Niblick Drive	0.22	A	0.27	A
Foothill Boulevard/Lantech Drive	0.45	A	0.47	A
Foothill Boulevard/Commercial Site Driveway	N/A	A	N/A	A

The proposed throat depths at Lantech Drive and Niblick Drive are adequate. Also the recommended 50' southbound left-turn storage lane and 25' throat depth for the commercial site's driveway to Foothill Boulevard are adequate.

VII. PROPOSED REZONE ALTERNATIVE

The project proponent asked us to describe the impacts resulting from rezoning 12.5 acres of the project site from light industrial to commercial uses. The 12.5 acres are the 7.4 acre site located at the northeast corner of Foothill Boulevard/Roseville Parkway intersection (the proposed rezone) and a second 5.1 acre site located on the southeast corner of the Foothill Boulevard/Roseville Parkway intersection (see Figure 9).

With 12.5 acres of commercial, the proposed project site will generate about 7,700 daily trips, 460 a.m. peak hour trips, and 780 p.m. peak hour trips. Table 7 compares the trip generation of the project site with 12.5 acres of commercial with the approved zoning and proposed rezoning. The proposed alternative uses will generate 46 more p.m. peak hour trips than the proposed rezoning, and 311 more p.m. peak hour trips than the approved zoning.

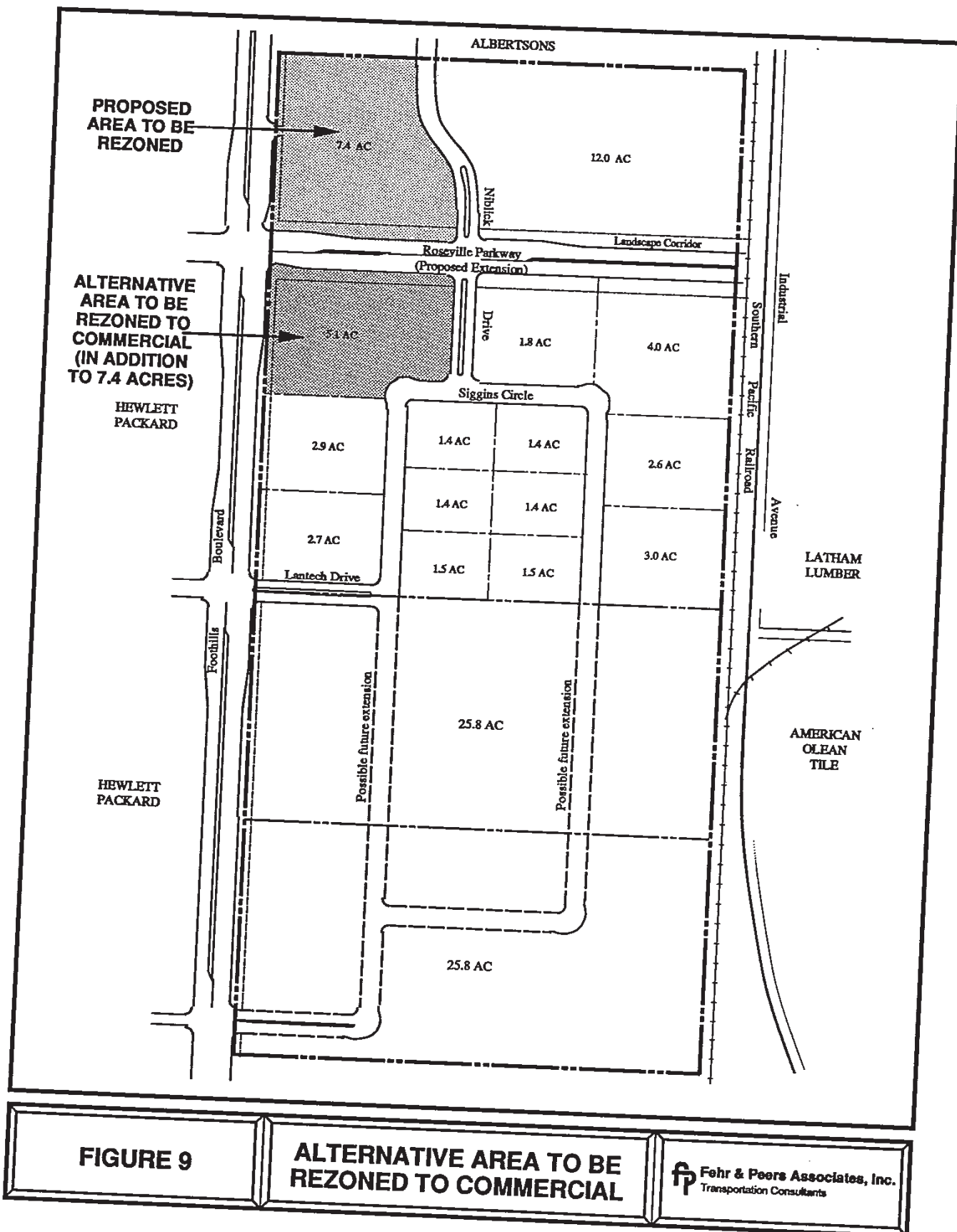


Table 7
Trip Generation Comparison
Proposed Rezone Alternative

<u>Scenario</u>	<u>Land Use</u>	<u>Acres</u>	<u>Square Feet</u>	<u>Daily Trips</u>	<u>A.M. Peak Hour Trips</u>			<u>P.M. Peak Hour Trips</u>		
					<u>In</u>	<u>Out</u>	<u>Total</u>	<u>In</u>	<u>Out</u>	<u>Total</u>
Approved	Light Industrial	50.1	554,110	3,508	362	80	442	98	366	464
Proposed	Light Industrial	42.7	472,260	3,103	318	70	388	85	319	404
	Commercial	<u>7.4</u>	<u>74,000</u>	<u>2,689</u>	<u>51</u>	<u>31</u>	<u>82</u>	<u>163</u>	<u>162</u>	<u>325</u>
	Proposed Subtotal	<u>50.1</u>		<u>5,792</u>	<u>369</u>	<u>101</u>	<u>470</u>	<u>248</u>	<u>481</u>	<u>729</u>
Alternative	Light Industrial	37.6	415,856	2,824	284	63	347	68	253	321
	Commercial	<u>12.5</u>	<u>125,000</u>	<u>4,875</u>	<u>70</u>	<u>41</u>	<u>111</u>	<u>227</u>	<u>227</u>	<u>454</u>
	Alternative Subtotal	<u>50.1</u>		<u>7,699</u>	<u>354</u>	<u>104</u>	<u>458</u>	<u>295</u>	<u>480</u>	<u>775</u>

RESOLUTION NO. 19-188

AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATIONS ON
CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT
WITHIN THE LAND USE ELEMENT

WHEREAS, a proposal has been submitted to amend the General Plan 2035 – Land Use Map of the City of Roseville for that portion of certain real property within the City of Roseville known as North Industrial Planning Area (NIPA) Parcel 25 from Neighborhood Commercial (NC) to Light Industrial (LI), as shown in Exhibit B, attached and incorporated herein by reference; and

WHEREAS, changing the land use designations requires amendments to the text related to said property within the Land Use Element of the General Plan 2035 of the City of Roseville, as shown in Exhibit C, attached and incorporated herein by reference; and

WHEREAS, the Planning Commission held a public hearing on the proposed amendments to the General Plan on March 14, 2019; and

WHEREAS, on May 1, 2019, the City Council held a public hearing at which time the proposed amendments were considered; and

WHEREAS, on May 1, 2019, the City Council considered the 2nd Addendum to the NIPA PCL 50 – Foothills Corporate Center Grading Plan Mitigated Negative Declaration; and

WHEREAS, the Council of the City of Roseville desires to approve said amendments to the Roseville General Plan as conducive to public interest, health, safety and welfare, and consistent with the land use practices of the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the amendments changing the Land Use Map and the text within the Land Use Element (attached as Exhibit B and Exhibit C) are hereby adopted.

BE IT FURTHER RESOLVED, that the Development Services Director is hereby directed to retain said General Plan Amendments on permanent public display in the Development Services Department of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

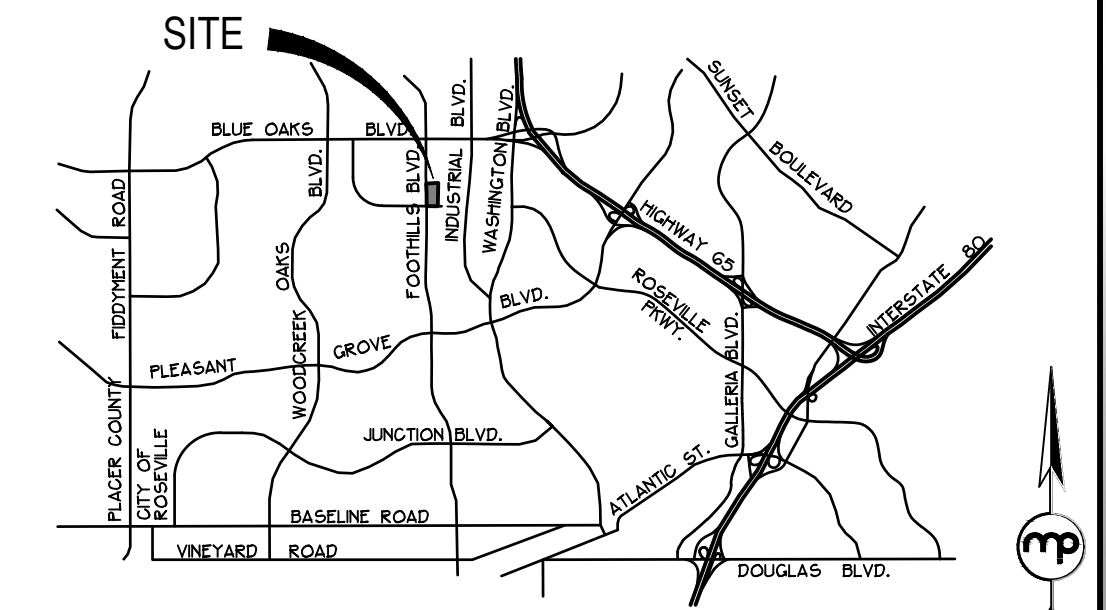
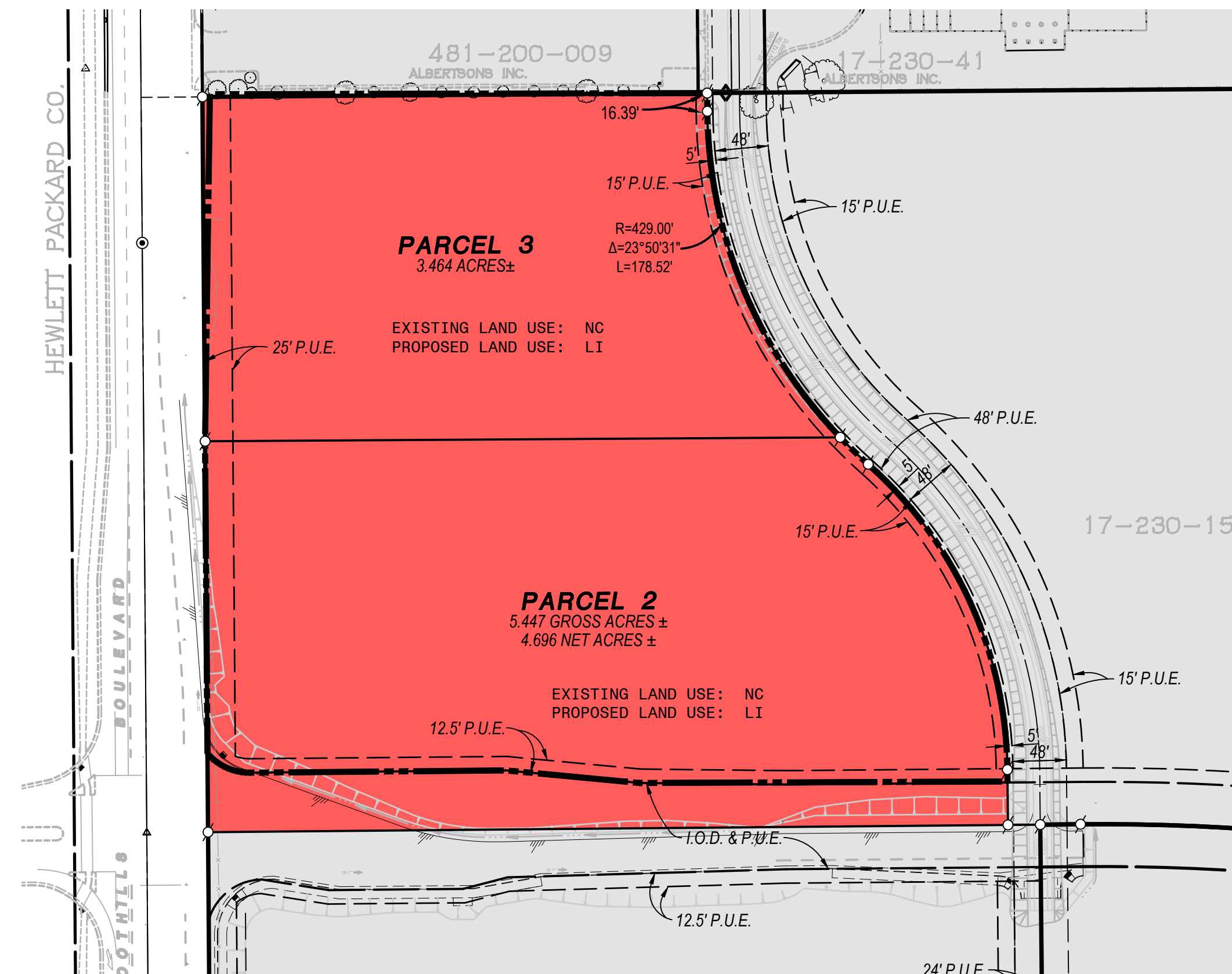
MAYOR

City Clerk

EXISTING LAND USE

PUE	PUBLIC UTILITY EASEMENT
PE	PEDESTRIAN EASEMENT
DE	DRAINAGE EASEMENT (PRIVATE)

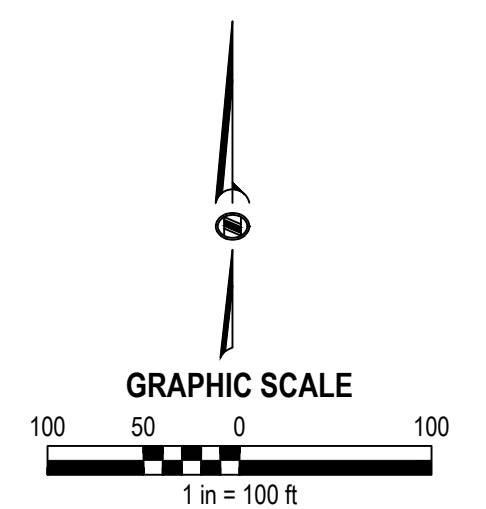
ABBREVIATIONS



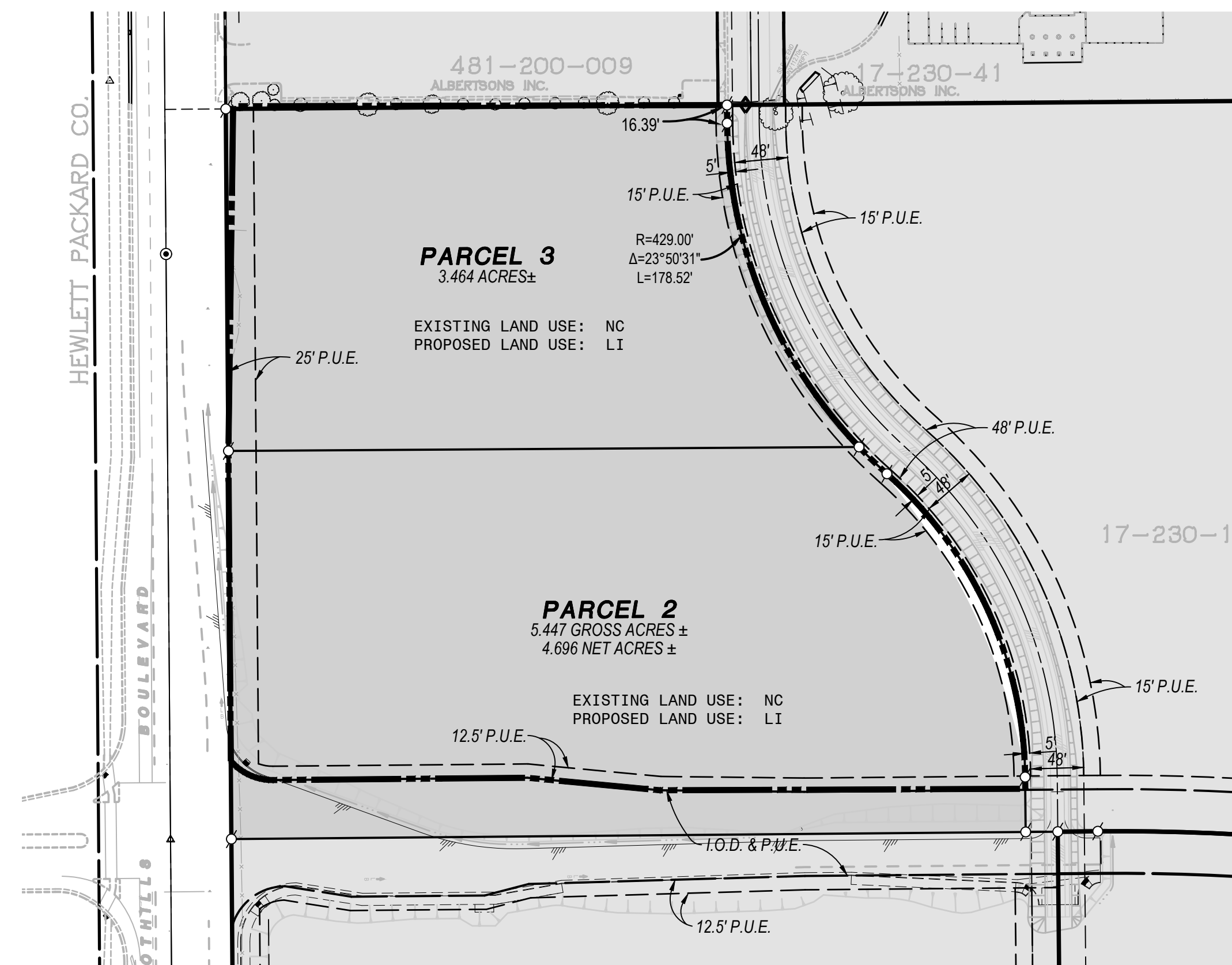
VICINITY MAP

FOOTHILL COMMERCE CENTER GENERAL PLAN AMENDMENT

SHEET 1 OF 1



PROPOSED LAND USE

**OWNER / APPLICANT**

CLEARVIEW 8035 FOOTHILLS BLVD., LLC.
CONTACT: BRETT BAUMGARTEN
3500 CINCINNATI AVE., #325
ROCKLIN, CA 95765
PHONE: (916) 773-0550
EMAIL: BBAUMGARTEN@GMAIL.COM

ENGINEER / PLANNER

MORTON PITALO
2870 GATEWAY OAKS DR., SUITE #120
SACRAMENTO, CA 95833
CONTACT: GREG BARDINI
PHONE: (916) 496-8763
EMAIL: GBARDINI@MPENGR.COM

UTILITY PROVIDERS

WATER:	CITY OF ROSEVILLE
WATES:	CITY OF ROSEVILLE
GAS:	PG&E
ELECTRIC:	ROSEVILLE ELECTRIC
TELEPHONE:	ROSEVILLE TELEPHONE
CABLE TV:	COMCAST

SERVICE PROVIDERS

SCHOOL DISTRICT:	ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT
FIRE PROTECTION:	ROSEVILLE ELEMENTARY SCHOOL DISTRICT
POLICE PROTECTION:	CITY OF ROSEVILLE
STORM DRAINAGE:	CITY OF ROSEVILLE
SOLID WASTE:	CITY OF ROSEVILLE

PROJECT INFORMATION

ASSESSOR PARCEL NUMBERS	017-232-005 & 006
USE:	VACANT
EXISTING GENERAL PLAN:	NC
PROPOSED GENERAL PLAN:	LI

EXISTING		
	#	ACRES
EXISTING NUMBER OF PARCELS	2	8.92 ± AC

PROJECT INFORMATION

TABLE II-2
TOTAL LAND USE ALLOCATION

USE CATEGORY	GROSS ¹ ACRES	% OF TOTAL ACRES
Residential (RES)	12,854	45%
Commercial (COM)	2,276	8%
Business Professional (BP)	792	3%
Industrial (IND)	2,369	8%
Open Space (OS)	3,151	11%
Park & Recreation (PR)	2,136	8%
Public/Quasi Public (P/QP)	2,719	10%
Right of Way (ROW)	1,978	7%
TOTAL	28,274	100%

SOURCE: City of Roseville Planning Division
Updated: September 6, 2017

TABLE II-3
LAND USE ALLOCATION BY INCORPORATED SUBAREA (in acres)

SUBAREA	RES	COM ²	BP	IND ³	OS ⁴	PR ⁵	P/QP ⁶	ROW	TOTAL ACRES
INEILL	3,349	571	201	914	479	465	2,109	426	8,514
SERSP	559	83	99	0	74	111	20	78	1,024
NERSP	132	300	308	0	94	13	10	97	954
NWRSP	1,759	119	11	0	155	353	107	159	2,663
NCRSP	656	339	162	78	183	100	75	232	1,825
NIPA	307	68	6	1,287	173	53	9	129	2,031
DWSP	659	13	0	0	98	378	4	51	1,203
HRNSP	294	162	0	0	37	37	48	99	677
NRSP	998	81	0	0	184	117	68	121	1,569
SRSP	616	35	5	0	270	78	23	90	1,117
WRSP	1,758	55	0	88	705	251	147	190	3,194
RGSP	21	29	0	0	0	0	0	0	50
DTSP	27	110	0	2	0	37	0	0	176
SVSP	1,133	241	0	0	357	105	72	173	2,081
CSP	248	19	0	0	177	16	10	32	502
ARSP	338	51	0	0	165	22	17	101	694
TOTAL ACRES	12,854	2,276	792	2,369	3,151	2,136	2,719	1,978	28,274

SOURCE: City of Roseville Planning Division
Updated: September 6, 2017

¹ Gross acreage includes road and highway rights-of-way, easements, etc.

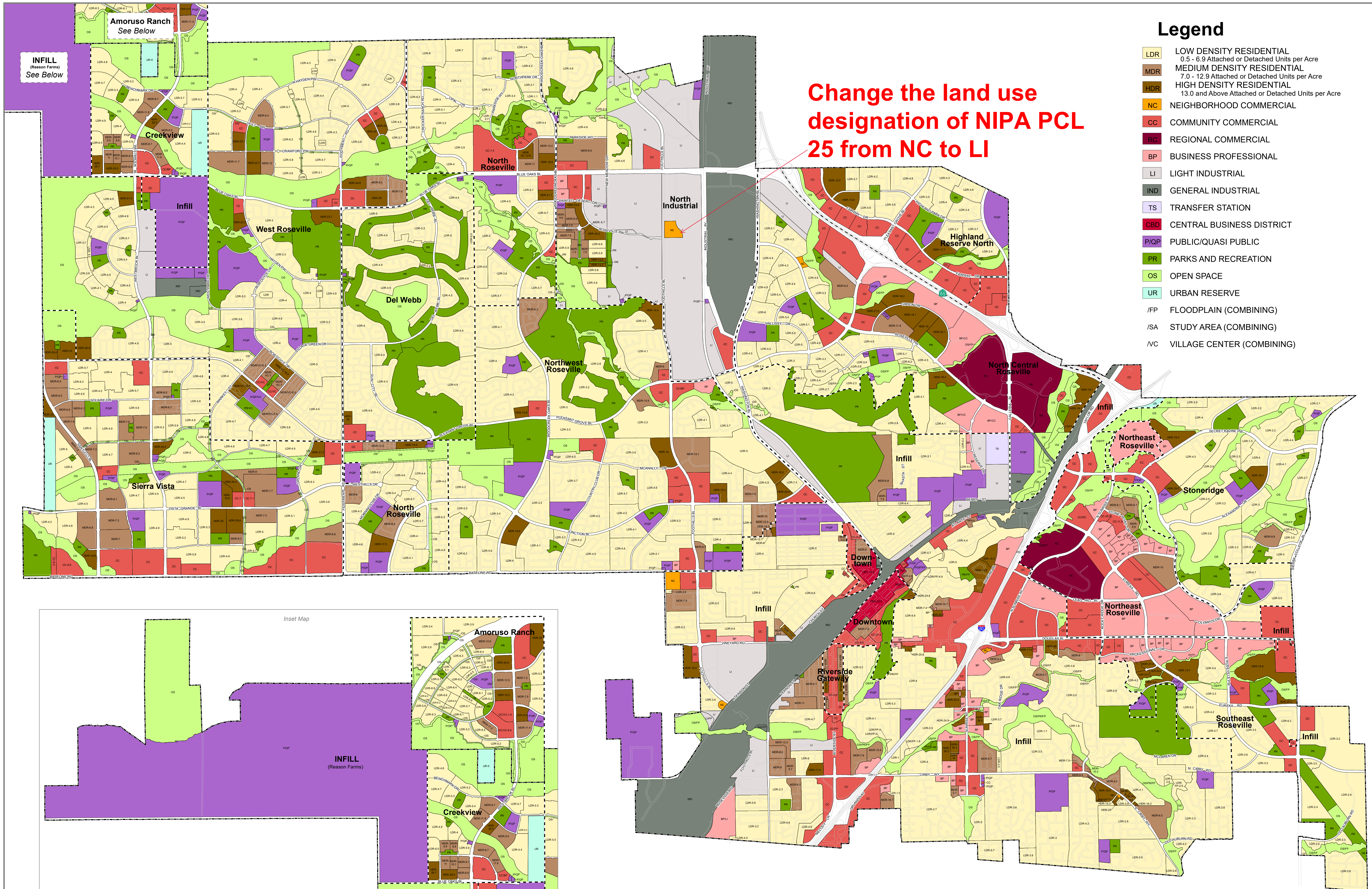
² Commercial includes neighborhood commercial, community commercial, regional commercial and central business district.

³ Industrial includes general industrial, light industrial, and transfer station.

⁴ Open Space includes open space, floodway open space, paseos, wildlife/vernal pool preserves, and 80 acres of Urban Reserve.

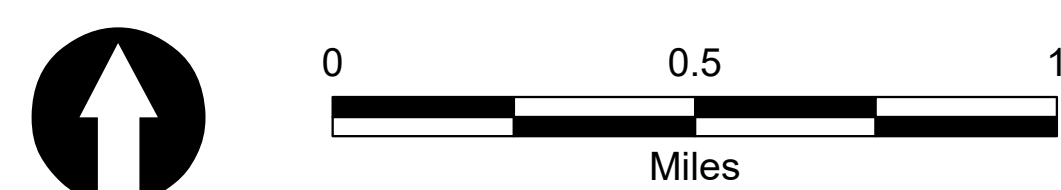
⁵ Parks and Recreation includes developed park and recreation areas and golf courses.

⁶ Public/Quasi Public includes: schools, churches, fire stations, electrical substations, corporation yards, well sites, tank and pump station sites, solid waste recycled drop off and park & ride lots.



Legend

- LDR** LOW DENSITY RESIDENTIAL
0.5 - 6.9 Attached or Detached Units per Acre
- MDR** MEDIUM DENSITY RESIDENTIAL
7.0 - 12.9 Attached or Detached Units per Acre
- HDR** HIGH DENSITY RESIDENTIAL
13.0 and Above Attached or Detached Units per Acre
- NC** NEIGHBORHOOD COMMERCIAL
- CC** COMMUNITY COMMERCIAL
- RC** REGIONAL COMMERCIAL
- BP** BUSINESS PROFESSIONAL
- LI** LIGHT INDUSTRIAL
- IND** GENERAL INDUSTRIAL
- TS** TRANSFER STATION
- CBD** CENTRAL BUSINESS DISTRICT
- P/QP** PUBLIC/QUASI PUBLIC
- PR** PARKS AND RECREATION
- OS** OPEN SPACE
- UR** URBAN RESERVE
- /FP** FLOODPLAIN (COMBINING)
- /SA** STUDY AREA (COMBINING)
- /VC** VILLAGE CENTER (COMBINING)



Last updated: May 2018

Infill
Roseville Water Treatment Plant
9595 Barton Road
Located approx. 1.5 miles east

ORDINANCE NO.

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE
CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED
WITHIN THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. That Section 19.06.020 of the Zoning Ordinance of the City of Roseville, Ordinance No. 5428, is amended to change the zoning of that portion of certain real property located on Parcel 25 of the North Industrial Planning Area in the City of Roseville, as shown and so designated in Exhibit "D," attached and incorporated herein by reference, is hereby rezoned from Neighborhood Commercial (NC) to Light Industrial (M1).

SECTION 2. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 3. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

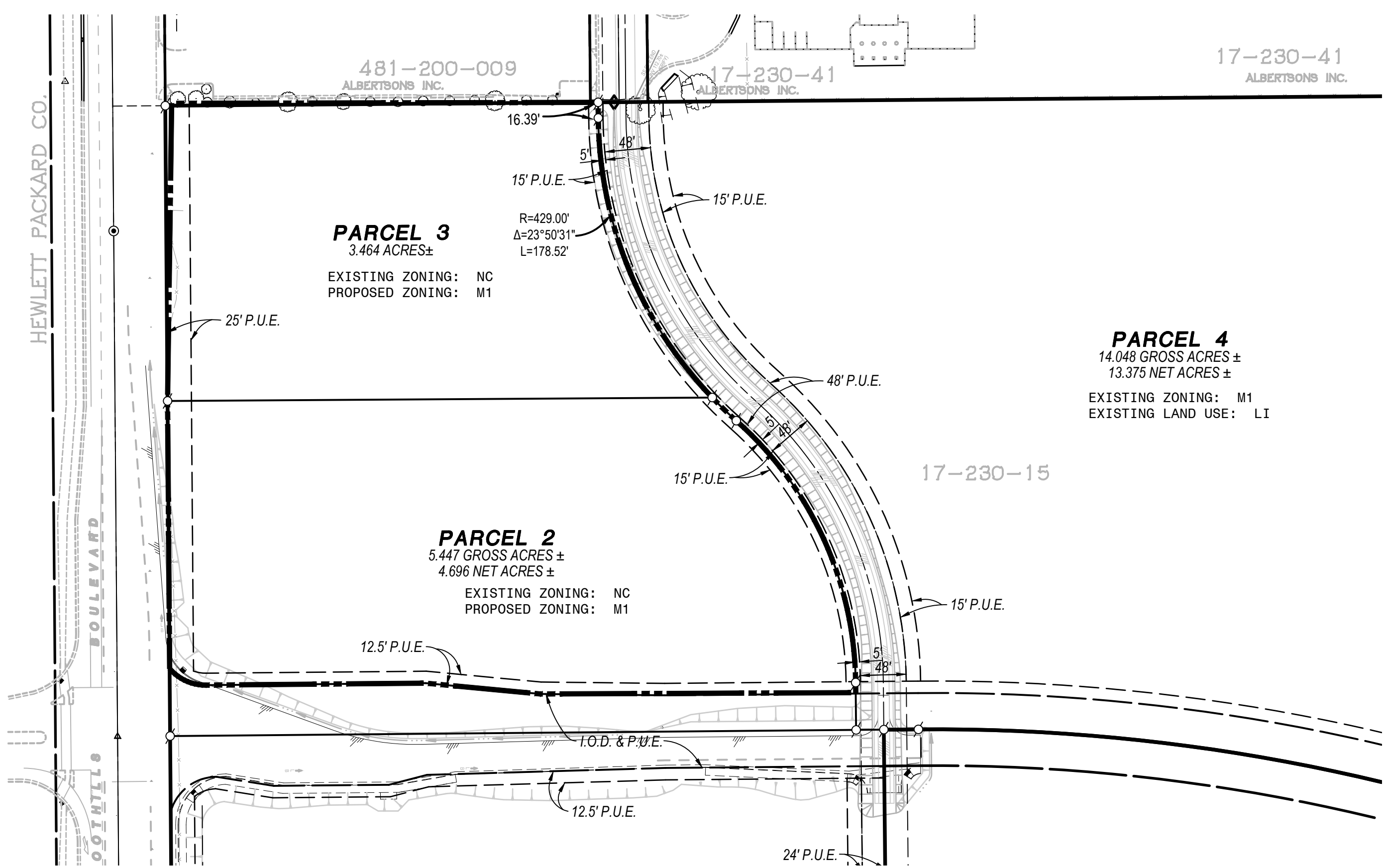
ABSENT COUNCILMEMBERS:

MAYOR

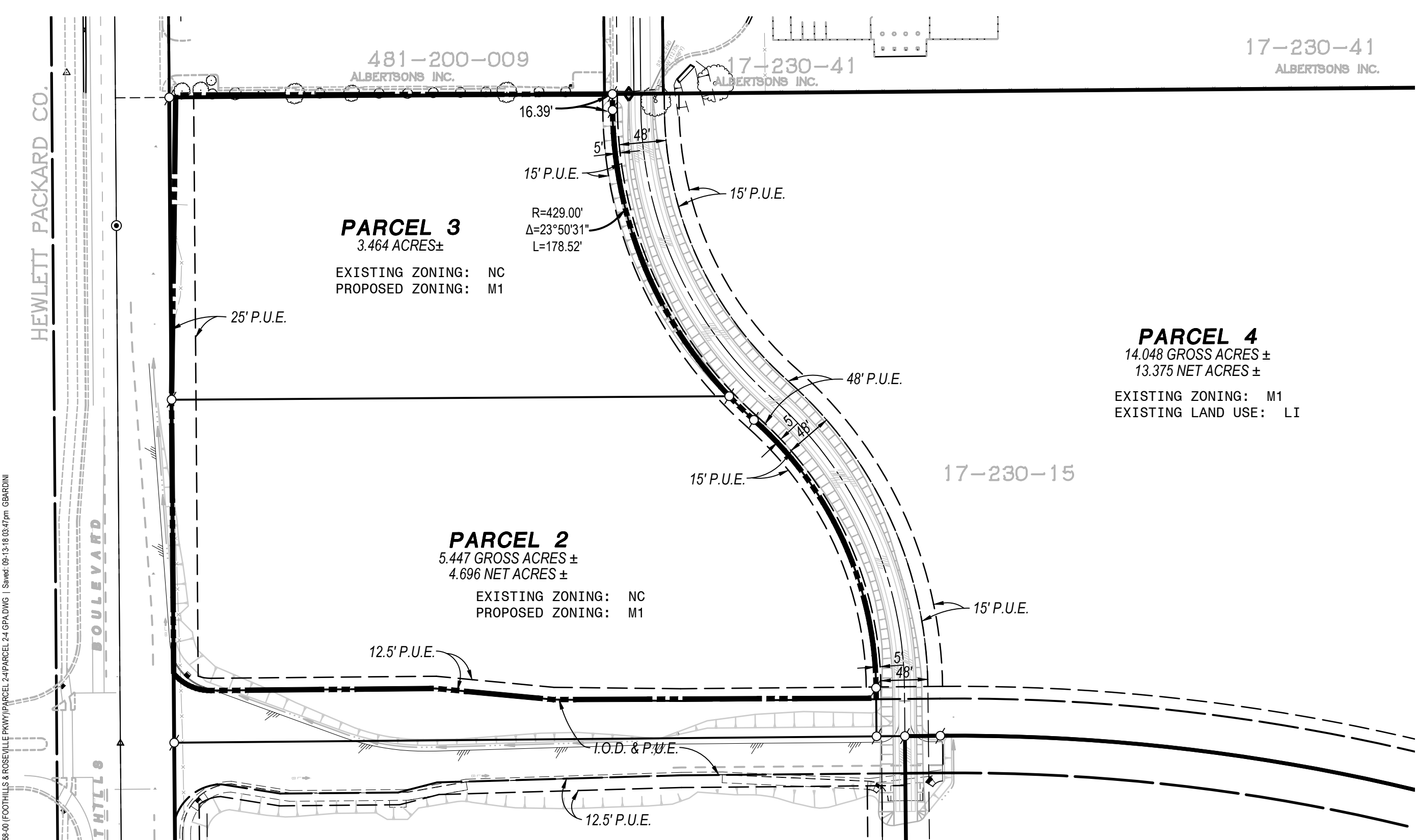
ATTEST:

City Clerk

EXISTING ZONING

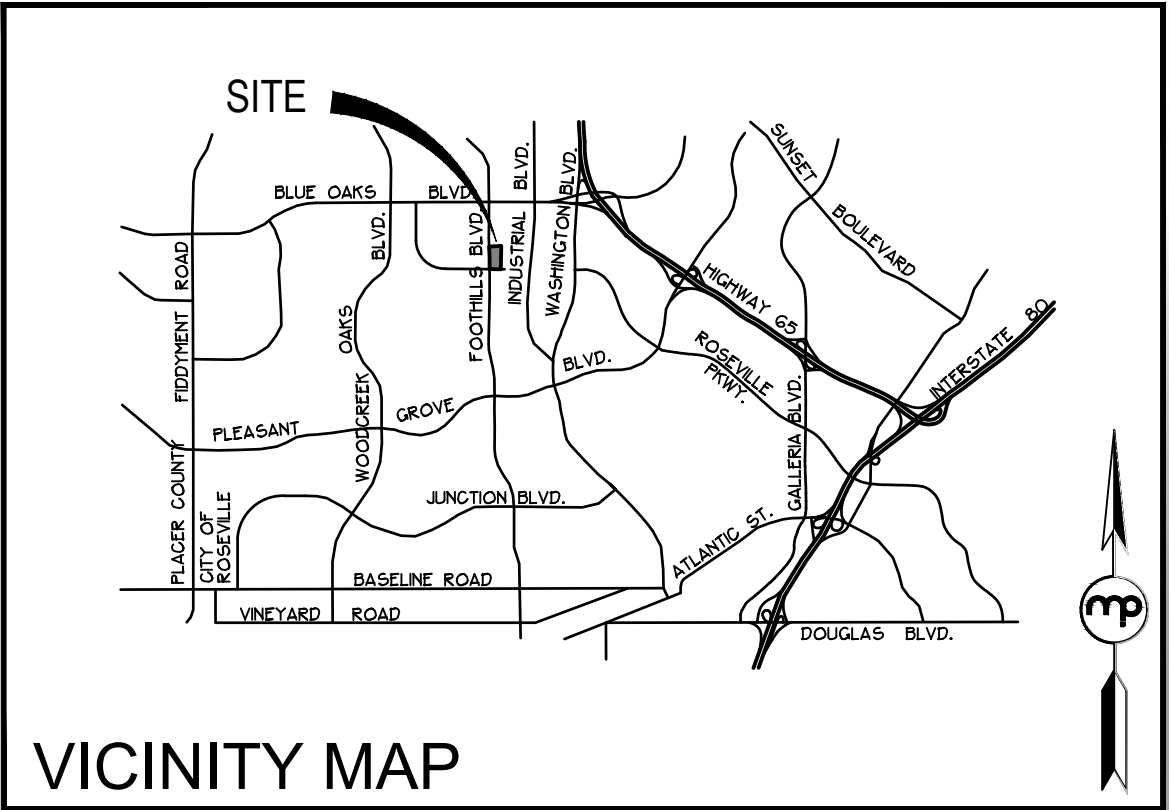


PROPOSED ZONING



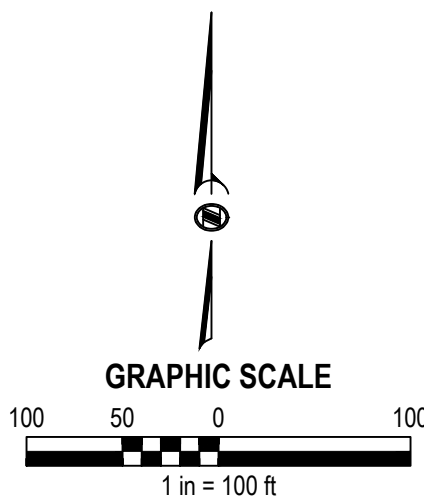
PUE	PUBLIC UTILITY EASEMENT
PE	PEDESTRIAN EASEMENT
DE	DRAINAGE EASEMENT (PRIVATE)

ABBREVIATIONS



FOOTHILL COMMERCE CENTER
REZONE

SHEET 1 OF 1



OWNER / APPLICANT

CLEARVIEW 8035 FOOTHILLS BLVD., LLC.
CONTACT: BRETT BAUMGARTEN
3500 CINCINNATI AVE., #325
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PHONE: (916) 773-0550
EMAIL: BBAUMGARTEN@GMAIL.COM

ENGINEER / PLANNER

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SACRAMENTO, CA 95833
CONTACT: GREG BARDINI
PHONE: (916) 496-8763
EMAIL: GBARDINI@MPENGR.COM

UTILITY PROVIDERS

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WATES:	CITY OF ROSEVILLE
GAS:	PG&E
ELECTRIC:	ROSEVILLE ELECTRIC
TELEPHONE:	ROSEVILLE TELEPHONE
CABLE TV:	COMCAST

SERVICE PROVIDERS

SCHOOL DISTRICT:	ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT ROSEVILLE ELEMENTARY SCHOOL DISTRICT
FIRE PROTECTION :	CITY OF ROSEVILLE
POLICE PROTECTION:	CITY OF ROSEVILLE
STORM DRAINAGE:	CITY OF ROSEVILLE
SOLID WASTE:	CITY OF ROSEVILLE

PROJECT INFORMATION

ASSESSOR PARCEL NUMBERS	017-232-005 & 006
USE:	VACANT
EXISTING ZONING:	NC
PROPOSED ZONING:	M1

	#	ACRES
EXISTING NUMBER OF PARCELS	2	8.92 ± AC

PROJECT INFORMATION





COUNCIL COMMUNICATION

CC #: 9975

File #: 0400-04-17-2 & 0400-03 & 0400-02 & 1004-01 & 1001-01

Title: Huntington Senior Apartments – General Plan Amendment, Rezone, Summary Vacation of Right-of-Way, and Approval of Grant Deed

Contact: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

Meeting Date: 5/1/2019

Item #: 10.5.

RECOMMENDATION TO COUNCIL

At the March 14, 2019 Planning Commission hearing, the Planning Commission recommended the City Council take the following actions:

- A. Consider the Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program adopted by the Planning Commission on March 14, 2019,
- B. Adopt a resolution approving text amendments and amendments to certain land use designations in the General Plan, and
- C. Adopt the two (2) findings of fact and introduce for first reading an ordinance approving the Rezone.

In addition, the Planning Division recommends City Council take the following actions:

- D. Adopt a Resolution to summarily vacate existing right-of-way.
- E. Adopt a Resolution declaring a 3,933 square-foot portion of Assessor's Parcel Number 048-260-032-000 as surplus and authorizing the City Manager to execute a Grant Deed transferring the property from the City to the applicant.

BACKGROUND

This Council Communication provides a summary evaluation of the project, a detailed evaluation of the proposed Summary Vacation and proposed Grant Deed, and a summary of the March 14, 2019 Planning Commission hearing. A more detailed background and evaluation of the project is provided in the Planning Commission staff report, included as Attachment 1.

Background/Project Description

The 3.34-acre site is located at 1650 Huntington Drive, at the corner of Strauch Drive and Huntington Drive, in the City's Infill area. The site is divided by two General Plan land use designations: the northern portion of the site has a land use designation of Community

Commercial (CC) and the southern portion of the site has a designation of Medium Density Residential (MDR). The entire site has a zoning designation of Planned Development 7 – Commercial, Professional Office, and Residential (PD-7). The site is adjacent to single-family properties to the south and southwest, and there are commercial areas across Strauch Drive and Huntington Drive to the north and west. Property to the east is owned by the City and has a Medium Density Residential land use designation.

The current proposal for the site is to construct a senior apartment complex, which includes a General Plan Amendment to change the land use designation from CC and MDR to High Density Residential (HDR) and to Rezone the property from PD-7 to Attached Housing (R3). The Planning Commission approved a Design Review Permit, Tree Permit, and Lot Line adjustment all contingent on the General Plan Amendment and Rezone being approved by the City Council.

The approved Design Review Permit is to enable the site to be developed with 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the 76 apartment units will be designated as affordable housing units. The project includes single-, two-, and three-story buildings. The single-story buildings and the single-story community clubhouse are proposed along the southern boundary of the Project Site, adjacent to existing single-family residences. The two and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza. The proposed parking lot and frontage landscaping would be located along Huntington Drive.

The approved Tree Permit is to allow the removal of 33 oak trees. The site has steep topography giving rise to a tall mound in the center of the site. The grades on the Project Site are very challenging to develop, and in order to create level pads for the buildings, a drainage pattern which directs stormwater to the existing system, and finished boundary grades which can be appropriately tied in to the adjacent roads and other development, the entire site needs to be heavily graded. Therefore, the tree removal was determined to be necessary in order to allow for beneficial use of the site.

The Lot Line Adjustment is to adjust the property boundaries to reflect the existing built environment. The site has an irregular shape, which is partly the result of two roadways—Huntington Drive and Strauch Drive—intersecting at an angle. In addition, the City's right-of-way is not currently centered over the existing roadways, because when the right-of-way for this area was established a different roadway pattern was envisioned. In order to allow beneficial use of the project site, the approved project included a lot line adjustment to create logical parcel boundaries which follow the edge of existing roadway improvements and shifts the boundary of the site in three locations:

1. Approximately 3,600 square feet of excess right-of-way on Huntington Drive near Strauch Drive to be abandoned by the City and incorporated into the apartment site.
2. Approximately 3,900 square feet of surplus City property on the eastern boundary of the apartment site to be transferred to the apartment site through a Grant Deed.
3. Approximately 8,200 square feet of area over Huntington Drive which is to be granted to the City as right-of-way.

A condition of approval was adopted requiring approval of the necessary property transfers/abandonments prior to recordation of the lot line adjustment. The property transfer agreements necessary to effectuate the condition have been included as part of this staff report. The proposed Summary Vacation discussed in this staff report addresses location 1, above. The proposed Grant Deed discussed in this staff report addresses location 2, above. Acquisition of

right-of-way at Location 3 is underway, and will occur with recordation of a grant deed from the property owner to the City; this item does not require City Council action.

Summary Evaluation: General Plan Amendment and Rezone

The proposed General Plan Amendment and Rezone have been analyzed for consistency with the goals and policies of the General Plan, as discussed on pages 3 and 4 of the attached Planning Commission staff report. The proposed changes in land use and zoning are consistent with the City's General Plan and with the City's adopted Guidelines for the Conversion of Non-Residential Land Uses for Infill areas (Attachment 2).

Evaluation: Summary Vacation

Exhibit D of this staff report is a section of unused, excess right-of-way along Huntington Drive adjacent to the apartment project site. Pursuant to the Streets and Highways Code Section 8334, a City may summarily vacate the excess right-of-way of a street or highway which is not required for street or highway purposes. Huntington Drive is already constructed, and is consistent with the alignment shown in the City's current General Plan. This area of right-of-way is in excess of the City's need, and is neither used nor planned to be used for street or highway purposes. Therefore, staff concludes that the condition for a summary vacation listed in Streets and Highways Code Section 8334 applies, and recommends approval of the vacation request.

Evaluation: Grant Deed

The area of the Grant Deed is shown in Exhibit E of this staff report. The Grant Deed area is a small portion of a flag-shaped lot owned by the City, which extends across Strauch Drive and along the eastern side of the Huntington Senior Apartments site. This portion of the City's lot adjacent to the apartment site is only 50 feet wide. Part of this City property lies over a small tributary of Cirby Creek and the City's stormwater facilities, and is therefore needed by the City for maintenance of its facilities. However, the remainder is a 20-foot-wide section of surplus property between the creek bank and the project site, which is the location of the proposed Grant Deed. This area is not planned for any future City facilities, is not needed for maintenance of existing facilities, and is not designated for or adjacent to an area designated for open space.

The City of Roseville Municipal Code Section 4.12.110 establishes the process for sale or other disposition of City property. This section grants the City Council the authority to dispose of City property found to be surplus to the needs of the City, provided that City Council determines the property is unusable except by the owner of adjoining privately-owned real property and that disposing of the property is in the City's best interest.

As stated, this 20-foot-wide section of City property lies alongside the eastern boundary of the privately-owned Huntington Senior Apartments project site. The City has no planned facilities in this area, and no need to use this area to access or maintain City facilities. This land has no value to the City; it is surplus land which the City must expend resources and money to maintain. Disposing of this property through the proposed Grant Deed will incorporate this land into an adjacent privately-owned site for beneficial use, and will remove a maintenance burden from the City. For these reasons, staff concludes that the Grant Deed meets the requirements for designation of surplus property outlined in Municipal Code Section 4.12.110, and recommends approval of the Grant Deed.

In addition, the City does not have to comply with California's Surplus Land Act ("Act") procedures as described in Sections 54200 et seq. of the California Government Code in order to transfer these surplus parcels to the applicant. The Act defines "surplus land" as land owned by any governmental agency that the agency determines to be no longer necessary for the agency's use.

Prior to disposal of surplus land, the disposing agency must notify local public and affordable housing developers, park, recreation and open space agencies and others of the availability of the surplus land and the agency must negotiate in good faith with any entity that responds to the notice. However, certain public lands are exempt from this notice requirement.

According to Section 54221 of the Act, land is exempt from the surplus procedures if it is (1) less than 5,000 square feet in area; (2) sold to a contiguous land owner; and (3) not contiguous to land owned by an agency which uses the land for park, recreational, open space, or for low and moderate income housing purposes. This surplus parcel is respectively 3,933 square feet in area, is being transferred to a contiguous land owner (in exchange for 8,218 square feet being granted to the City—the terms of the sale), and is not contiguous to the types of recreational and housing land specified in Section 54221. Since this property has all three of these characteristics, it is exempt from the Surplus Land Act procedures and may be disposed of pursuant to the procedures set forth in Section 4.12.110 of the Roseville Municipal Code.

Summary of Planning Commission Hearing

The project was heard by the Planning Commission on March 14, 2019. Staff and the applicant's representative presented the project, after which the Planning Commission heard public testimony. During public testimony, three people spoke in opposition to the project, citing concerns about traffic, parking, safety, visual impacts, and the potential for this property to convert to a standard complex (with no age restriction). Staff and the applicant responded to the concerns, noting that traffic generation and parking demands from a senior apartment complex are low, and trips usually do not occur during peak hours. In addition, the applicant added speed tables on the property to discourage motorists from cutting-through the site. The applicant stated that they almost exclusively operate age-restricted communities and would have no interest in converting to a standard complex. Staff recommend a condition of approval requiring approval of a Design Review Permit Modification entitlement in order to lift the age-restriction, as part of which the applicant would be required to demonstrate compliance with parking standards for a non-senior apartment complex. The applicant agreed to this condition.

Two of the speakers were concerned about visual impacts because they live directly across Huntington Drive from the site, and had specific concerns about where the two- and three-story buildings would be located. A short recess was taken, during which the applicant, staff, and the concerned residents discussed siting of the buildings. As a result, the applicant agreed to a condition locating the three-story component on the northernmost portion of the site, so that the homes on Huntington Drive would look out on the two-story elevations instead of the three-story.

After close of the public comment period, the Planning Commission approved (4 aye, 0 nay, 2 absent) the Design Review Permit, Tree Permit, and Lot Line Adjustment, subject to the two additional conditions of approval.

Public Outreach

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations and a sign was posted on the site advertising the proposed land use changes and providing the City's contact information. The applicant also held a neighborhood meeting at the Maidu Community Center on December 12, 2018. Notices for this meeting were sent out to all property owners within 300 feet of the project site. The neighborhood meeting was well-attended, with approximately 40 people present. A few attendees expressed support, but the majority of attendees expressed concerns about traffic, safety, visual impacts, construction impacts, parking,

and noise.

Evaluations and mitigation measures, addressing neighborhood concerns were included in the Initial Study and Mitigated Negative Declaration (IS/MND) published on February 8, 2019. Notice of the availability of the IS/MND was provided to all property owners within 300 feet of the site and to all interested people who had provided their contact information to the City. Refer to the Environmental Review section of this staff report for further discussion. A public notice of the Planning Commission hearing was published on February 22, 2019, and was distributed to all property owners within 300 feet of the project site and to all interested persons who had requested notice.

FISCAL IMPACT

The City has planned for municipal services within the Infill planning area, and the project will not have significant impacts to the City's General Fund.

ECONOMIC DEVELOPMENT / JOBS CREATED

The project will create construction jobs during initial development of the site.

ENVIRONMENTAL REVIEW

An Initial Study and Mitigated Negative Declaration (IS/MND) was published on February 8, 2019. Notice of the IS/MND publication was provided to all property owners within 300 feet of the site and to all interested people who had provided their contact information to the City. The comment period for the IS/MND ended on March 11, 2019; five comment letters were received. A memorandum to the Planning Commission (included as Attachment 3 to this staff report) was provided responding to these five letters.

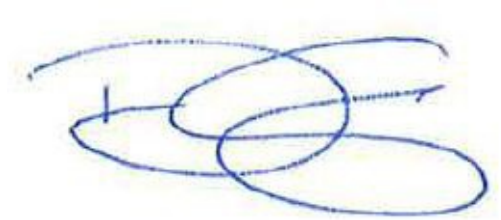
- Two of the letters were from agencies (the Placer County Air Pollution Control District and the Central Valley Regional Water Quality Control Board), which pointed out a minor typo, included a recommendation regarding HVAC systems, and described standard permits/regulations which might apply. No changes to the IS/MND were required.
- Two of the letters were from residents who opposed the project, which discussed concerns about traffic, parking, safety, noise, loss of trees, loss of property value, and expressed concerns about whether residents were being heard. The memorandum to the Planning Commission provided responses to these concerns. No changes to the IS/MND were required.
- One letter was in support of the project, and indicated the project would be a visual benefit and would resolve long-standing drainage concerns affecting the letter-writers' property.

The Planning Commission adopted the IS/MND and Mitigation Monitoring and Reporting Program at the March 14, 2019 hearing.

Respectfully Submitted,

Lauren Hocker, Senior Planner

Mike Isom, Development Services Director

A handwritten signature in blue ink, consisting of several overlapping loops and a vertical stroke on the left.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Attachment 1 Planning Commission Staff Report

Attachment 2 Non-Residential Conversion Guidelines

Attachment 3 Planning Commission Memorandum

Exhibit A Initial Study and Mitigated Negative Declaration

Resolution No. 19-176

Exhibit B General Plan Amendment

Ordinance No.

Exhibit C Rezone

Resolution No. 19-177

Exhibit D Summary Vacation

Resolution No. 19-178

Grant Deed

Exhibit E Grant Deed

***Planning Division Staff Report
Planning Commission Meeting******March 14, 2019***

Prepared by: Lauren Hocker, Senior Planner

ITEM 6.3: **General Plan Amendment, Rezone, Design Review Permit, Lot Line Adjustment, and Tree Permit – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247**

REQUEST

The applicant proposes to construct a multi-family, senior, age-restricted (55+) apartment complex consisting of ten apartment buildings, which would include 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. The applicant requests a General Plan Amendment to change the land use designation of the site from Community Commercial (CC) and Medium Density Residential (MDR) to High Density Residential (HDR), and a Rezone to change the zoning designation of the site from Planned Development 7 (PD 7) to Attached Housing (R3). The applicant also requests a Design Review Permit to approve the site design and architecture, a Tree Permit to authorize the removal of 33 oak trees, and a Lot Line Adjustment on the eastern side and northwestern corner of the site.

Owner – Sayed and Talat Hussain

Applicant – Craig Miers, Craig Miers + George Scott Architects, LLP

SUMMARY RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Adopt the Huntington Senior Apartments Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program;
- B. Recommend the City Council approve the General Plan Amendment;
- C. Recommend the City Council adopt the two (2) findings of fact and approve the Rezone;
- D. Adopt the four (4) findings of fact and approve the Design Review Permit subject to ninety-one (91) conditions of approval;
- E. Adopt the four (4) findings of fact and approve the Lot Line Adjustment subject to nine (9) conditions of approval; and
- F. Adopt the two (2) findings of fact and approve the Tree Permit subject to twenty-one (21) conditions of approval.

SUMMARY OF OUTSTANDING ISSUES

The proposed project has generated interest and concern within the neighborhood. Supporters of the project have indicated they want to see the vacant property develop, because it is causing nuisance runoff of stormwater, people are using the site to dump property, and they feel it is an eyesore. People expressing opposition or concerns have been most focused on traffic, safety, noise, and visual impacts. Residents indicated that Huntington Drive, Kent Street, and Strauch Drive are used as a cut-through route to reach Rocky Ridge Drive, expressed concerns about the safety of the existing Strauch Drive/Rocky Ridge Drive intersection, and indicated they felt the traffic from this project would worsen these conditions. Residents also felt that grading the site flat might expose the area to more noise from Douglas Boulevard, since the hill would no longer block noise. Residents were also concerned about how the views from their properties would change, and whether the apartments would have views into their backyards. Finally, concerns were expressed about construction impacts, including the noise of construction and the parking of contractors on residential streets. See the Public Outreach section of this staff report for additional information.

BACKGROUND

The project site is located at 1650 Huntington Drive, at the corner of Strauch Drive and Huntington Drive, in the City's Infill area. The site is divided by two General Plan land use designations: the northern portion of the site has a land use designation of Community Commercial (CC) and the southern portion of the site has a designation of Medium Density Residential (MDR). The entire site has a zoning designation of Planned Development 7 – Commercial, Professional Office, and Residential (PD-7).

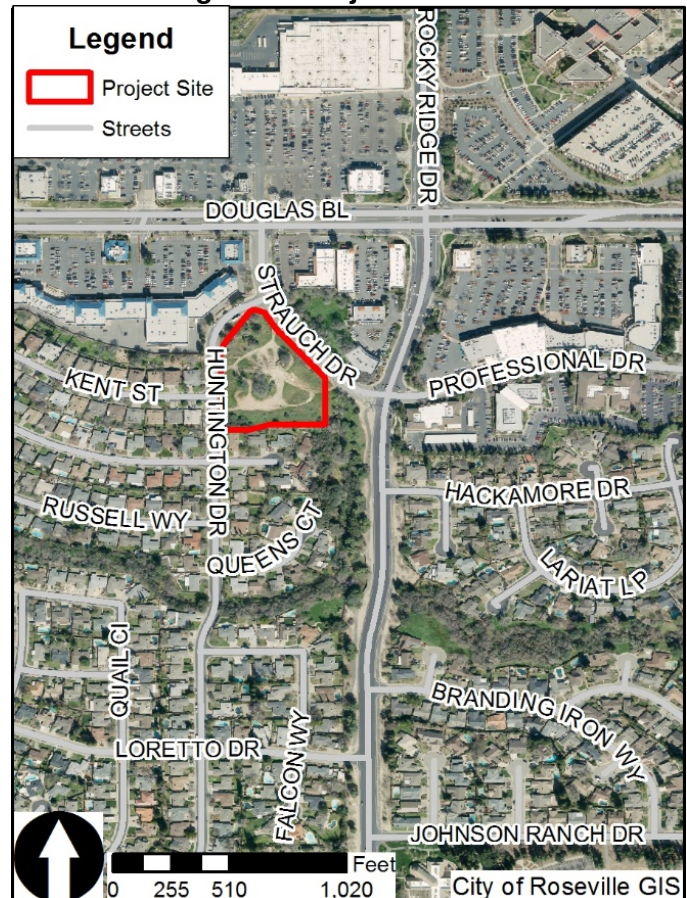
A project to develop the site with three single-story office buildings was approved by the City's Planning Commission in 2007 (File Number 2005PL-090). The project would have involved removing most of the trees on the site, grading it level, and constructing 36,200 square feet of office buildings, plus the associated parking, lighting, and landscaping. This use was anticipated to generate 52 peak hour trips and more than 500 daily trips. Though approved, the project was never constructed and the approval has since expired.

The current proposal for the site is to construct a senior apartment complex, which includes a General Plan Amendment to change the land use designation from CC and MDR to High Density Residential (HDR) and to Rezone the property from PD-7 to attached housing (R3). The proposal includes construction of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the proposed 76 apartment units would be designated as affordable housing units. The project includes single-, two-, and three-story buildings. The single-story buildings and the single-story community clubhouse are proposed along the southern boundary of the Project Site, adjacent to existing single-family residences. The two and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza. The proposed parking lot and frontage landscaping would be located along Huntington Drive.

The project site slopes up from the surrounding properties into a tall mound, with oak trees growing on this mound. In order to develop the site, the applicant proposes to grade the site to a more level condition, lowering the site by approximately 20–30 feet. This will require removal of most of the oak trees on the site, so the applicant requests a Tree Permit to remove 33 oak trees.

The project site is irregularly shaped, which is the result of two roadways—Huntington Drive and Strauch Drive—intersecting at an irregular angle. In addition, the City's right-of-way is not currently centered over the existing roadways, because when the right-of-way for this area was established a different roadway pattern was envisioned. The City also owns property north and east of the project site which has irregular and odd alignments, again because it was based on an older roadway and improvement pattern. In order to allow beneficial use of the project site, the applicant has requested a lot line adjustment to create logical parcel boundaries. The new boundaries will follow the edge of roadway improvements and shift the eastern boundary of the project site by 20 feet.

Figure 1: Project Location



SITE INFORMATION

Location: 1650 Huntington Drive

Total Size: 3.34 acres

Topography and Setting: Site topography is generally undulating along the outside boundaries, giving rise to a large mound in the center of the site composed of sandy soils dominated by non-native grasses. Elevations range from approximately 170 feet (52 meters) above mean sea level (MSL) in the southeast to 202 feet (60 meters) MSL in the center. A perennial drainage occurs approximately 40 feet to the east of the Project Site (off-site), running north to south and paralleling the southeastern boundary adjacent to Rocky Ridge Drive. Historically, the Project Site has been disturbed by off-road vehicle activity and unauthorized public access.

Land uses immediately surrounding the Project Site include single-family residential units to the south, duplex residential units to the west, a small area of undeveloped oak woodland to the northeast, and business development to the northwest and northeast, adjacent to the off-site oak woodland. The single-family residential areas to the south and southwest are at an elevation of 170–174 feet MSL, while the commercial areas to the west and north are at an elevation of approximately 185 MSL.

EVALUATION: GENERAL PLAN AMENDMENT AND REZONE

Proposed amendments to the General Plan are analyzed for consistency with the goals and policies of the General Plan. For the proposed rezone, Zoning Ordinance Section 19.86.050 specifies that recommendations for approval or denial of a rezone shall include consideration of the proposed amendment's consistency with:

- 1. The public interest, health, safety, or welfare of the City, and**
- 2. The General Plan and any applicable Specific Plan.**

The project includes a proposed General Plan Amendment to change the land use designation from CC and MDR to HDR, and to Rezone from PD-7 to attached housing (R3); see Exhibit B and C. The site is adjacent to single-family residential properties to the south and southwest, and there are commercial areas across Strauch Drive and Huntington Drive to the north and west.

The City adopted Guidelines for Conversion of Non-Residential Land Uses (Attachment 1), to guide proposed land use changes from non-residential to residential uses. The guidelines state:

1. Infill properties are identified as those properties located within the City's infill planning area as designated on the City's Zoning Map.
2. Parks obligation to include payment of citywide and neighborhood park fees. Neighborhood Park fees are to be applied to infill neighborhood park improvements as identified on an infill park CIP projects list. Where the Parks Department demonstrates a park need a Parkland dedication or in-lieu park fee for land dedication may be negotiated and evaluated on a project by project basis, based on the nature of the project and the benefit to the City.
3. Encourage the use of private passive open space in-lieu of land dedication for infill projects.
4. Off site utilities (e.g. water, sewer, electric) that serve more than the specific project are not the sole responsibility of the project. Over-sizing of improvements or upgrading to City standards may be available for City reimbursement. The City may develop a CIP for off site improvements for which a project may pay an impact fee in lieu of constructing the improvement. Each project shall be reviewed on a case-by-case basis and shall be conditioned accordingly.

5. School impacts shall be mitigated through new impact agreements executed to reflect the payment of the City's existing infill school impact fees.
6. New housing development shall meet the City's 10% goal (4% affordable to very low, 4%affordable to low, and 2% affordable to middle income) except redevelopment areas shall provide 15%. (Of those 40% affordable to very low income and the balance affordable to low/middle income).
7. A land use change on the Placer County Fair Grounds shall require a master plan.
8. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovative higher density residential mixed-use projects.

The City's building permit process includes the assessment of all applicable and appropriate fees, which will ensure the project conforms to the guidelines addressing impact fees. The project includes five affordable units, consistent with City housing policy. The project is not mixed use, but is a high-density residential project, and is consistent with the intent of the City's guidelines for the Infill area to "encourage and emphasize reinvestment and revitalization." The project is consistent with the Non-Residential Conversion Guidelines and is also consistent with General Plan policy.

The existing CC and PD-7 land use designations allow a variety of non-residential uses on the site. Many of the permitted commercial uses of the site could result in land use incompatibilities, because of the adjacent single-family homes. In addition, multi-family land uses are typically used to transition between lower density areas and commercial areas. The proposal to amend the zoning designation of this site to HDR and R3 is consistent with public interest, health, safety, and welfare. As discussed above, the project is also consistent with the City's Non-Residential Conversation Guidelines and with General Plan policy.

EVALUATION – DESIGN REVIEW

The Design Review Permit evaluation of the project has been based on the applicable development standards within the City's Zoning Ordinance and the design standards of the Community Design Guidelines. Section 19.78.060 of the City of Roseville Zoning Ordinance requires that four findings be made in order to approve or conditionally approve a Design Review Permit. The four findings are listed below in ***bold italics***, and are followed by an evaluation of the project in relation to each finding. Refer to Exhibits D through I for the site plan, circulation plan, grading plan, utility plan, landscape plan, and photometric plan; Exhibit J for elevations; and Exhibit K for the floorplans.

1. ***The project as approved preserves and accentuates the natural features of the property, such as open space, topography, trees, wetlands and water courses, provides adequate drainage for the project, and allows beneficial use to be made of the site for development.***

As will be discussed as part of the Tree Permit evaluation, the grades on the Project Site are very challenging. The site is relatively small and is irregularly shaped, with the highest elevation located near the center of the site, and a nearly 30-foot grade difference between the lowest and highest points on the site. Most of the oak trees are located on sloped areas of the property which need to be graded, and therefore cannot feasibly be retained. In order to make beneficial use of the site for development, the entire site needs to be heavily graded in order to create level pads for the buildings, a drainage pattern which directs stormwater to the existing system, and finished boundary grades which can be appropriately tied in to the adjacent roads and other development.

2. ***The project site design as approved provides open space; access; vehicle parking; vehicle, pedestrian, and bicycle circulation; pedestrian walks and links to alternative modes of transportation; loading areas; landscaping and irrigation; and lighting, which results in a safe, efficient, and harmonious development and which is consistent with the applicable goals,***

policies, and objectives set forth in the General Plan, the Community Design guidelines, and the applicable Specific Plan and/or applicable design guidelines.

Multifamily residential development guidelines are included within the City's Community Design Guidelines (CDG). The guidelines include recommendations for site planning, circulation, architecture, and other aspects of site development. The following discussions provide an evaluation with respect to the applicable design guidelines in the CDG.

Access and Circulation

The CDG guidelines recommend projects be designed consistent with the City's Engineering Design Standards and with Zoning Ordinance requirements. The proposed project includes two access points: a driveway at the intersection of Kent Street and Huntington Drive, and a second driveway on Strauch Drive. The driveway on Huntington Drive would be full-access. The driveway on Strauch Drive would be design to prevent inbound left turns, in order to avoid turning movement conflicts with the nearby signalized intersection of Strauch Drive and Rocky Ridge Drive. In response to neighborhood concerns that the site could be used by drivers as a cut-through, the applicant has also added two speed tables on the site. The speed tables will slow traffic and act as a disincentive to cut-through traffic. City Engineering and public safety staff have reviewed the proposed design, and have found it conforms to City design standards, and the drive aisle design conforms to the Zoning Ordinance requirements.

Landscaping and Open Space

The CDG recommends using landscaping throughout the site, placing trees to provide shading for sidewalks and public spaces, using native or drought-tolerant plans where possible, providing a minimum of 50% shading (based on 15-year maturity) over the parking spaces. The proposed landscaping plan is included as Exhibit H. The project includes 20-foot-wide landscape planters on all four property boundaries, as well as additional landscaping throughout the site. Large trees are included within all of the landscaping areas to provide shade on sidewalks and pathways, and screening of the site. Selected species include Chinese pistache, interior live oak, and true green elm, and the proposed landscape plans show achievement of 58% parking lot shade coverage. The understory plants include a variety of shrubs and groundcover selected to provide a visually engaging streetscape and seasonal interest, while using low-water varieties.

Parking and Lighting

The Zoning Ordinance requires one parking space per unit for an age-restricted development, plus guest parking (calculated based on a requirement of one parking space for every 10 dwelling units). The project includes 76 units, so a total of 84 spaces is required based on Zoning Ordinance standards. The project includes 89 spaces, which exceeds Zoning Ordinance requirements. The applicant has submitted a photometric plan (Exhibit I) demonstrating that the CDG minimum illumination standards of 0.5 foot-candles for pedestrian walks and 1.0 foot-candle for drive aisles will be met.

3. The building design, including the materials, colors, height, bulk, size, and relief, and the arrangement of the structures on the site, as approved, is harmonious with other development and buildings in the vicinity and which is consistent with the applicable goals, policies, and objectives set forth in the General Plan, the Community Design Guidelines, and the applicable Specific Plan and/or applicable design guidelines.

The elevations of the buildings would be consistent with the California Ranch neighborhood by using materials that would consist of plaster/stone and heavy shingle profile materials. Sloping roof elements would consist of both hip and gables that blend in with the design of the existing residential homes in the neighborhood. The applicant proposes to use three different primary body colors on the stucco portions of the buildings, and one color for all of the wood siding. The differing body colors provide color variation, while the uniform siding color thematically ties all of the buildings together. The applicant also proposes the use of stacked stone on the bottom portions of the buildings, to break up the vertical profile. The proposal also includes inset walls and other wall plane variation, along with variation in the roofline pitches. The elevations have been designed to include variation in colors, materials, wall planes, and rooflines, in order to create a visual interesting design that it compatible with the surrounding developed neighborhood.

The City of Roseville Zoning Ordinance development standards for R3 zones establish a maximum building height of up to 45 feet, but states that units immediately adjacent to single-family residential (R1) zones are limited to 35 feet in height. The purpose of this restriction is to ensure that the height and bulk of apartments is harmonious with single-family residential areas, which also have a maximum building height limit of 35 feet tall. The project includes single-, two-, and three-story buildings. The single-story buildings along with a single-story community clubhouse are proposed along the southern boundary of the site, adjacent to existing single-family residences. The two- and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza commercial area.

Figure 2: West Elevation, Three-Story Building

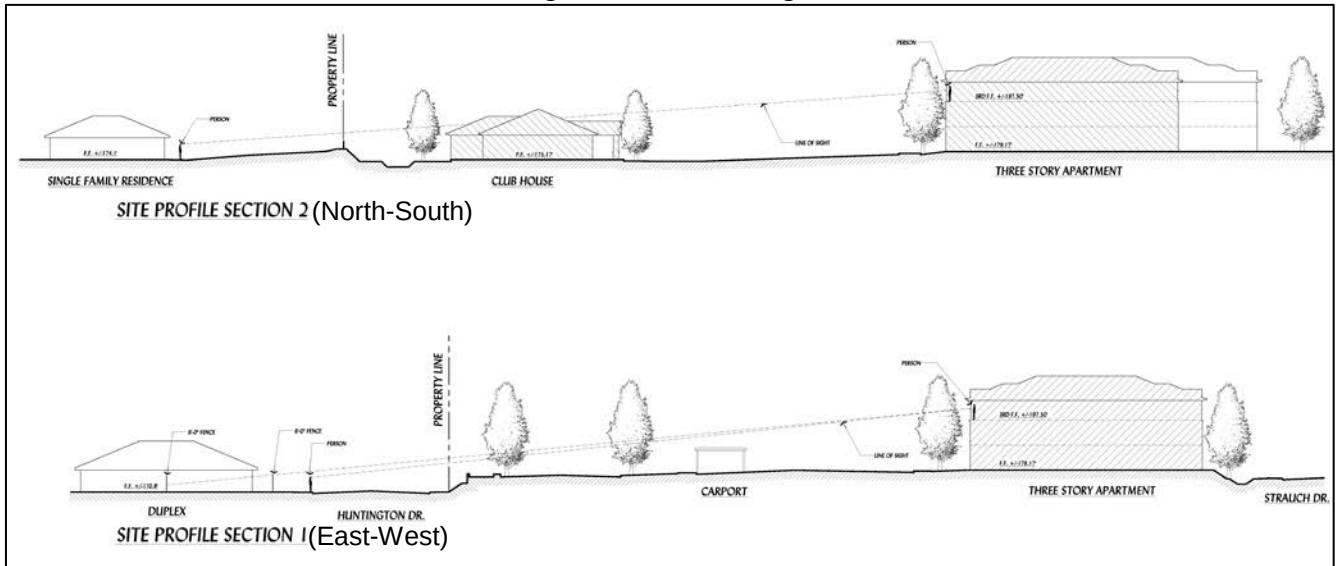


The proposed top-of-ridge building height for the one-story buildings is approximately 19 feet tall. Single-family residences, such as the ones in the vicinity, are typically 15 to 20 feet at the top of ridge. In addition, the four apartment buildings on the southern property line are oriented with the shortest side facing the adjacent homes. This orientation provides gaps between the buildings, so that there are no long, unbroken sections of wall facing the residences to the south. The height, bulk, size, and arrangement of the single-story buildings is harmonious with other buildings in the vicinity.

The proposed top-of-ridge building height for the two-story buildings is approximately 28 feet, and for the three-story buildings is approximately 37 feet; these heights are similar to the permitted heights for single-family homes. As with the apartments on the southern property line, the two- and three-story buildings are oriented with the shortest sides facing the residential area across Huntington Drive. The applicant has also set these taller buildings as far back from the nearby residential areas as possible, placing the buildings along Strauch Drive. The nearest home on Huntington Drive is approximately 150 feet from the wall of the nearest multi-story building.

The applicant prepared two line-of-sight drawings to assist with the evaluation of the proposed project (see Figure 3). People within the rear yards of residences on the southern property line would be able to see the single-story buildings, but would not be able to see the proposed multiple-story buildings farther north; likewise, residents standing on the balconies of the proposed three-story buildings on the project site would not be able to see into the backyards of the adjacent residences to the south. For the nearest property across Huntington Drive from the site, the line of sight drawing shows that viewers on the newly constructed balconies would be able to see people in the backyard if both the viewer and the person in the backyard are standing, but would not be able to see if either is seated, and would not be able to see into any other yards. Once landscaping trees on the frontage of the Project Site and within the parking lot have established, this view would be blocked.

Figure 3: Line of Sight



The evaluation focuses on the proposed building heights with respect to Zoning Ordinance standards, as appropriate, but staff's evaluation of the project also considers the fact that the surrounding properties are not all at the same elevation. The finished grade of the project site will range from approximately 173–179 feet MSL, while the single-family residential areas to the south and southwest are at an elevation of 171–174 feet MSL. The finished grade of the site and the residential area to the south with closely match, but the site will slope upward toward the intersection of Strauch Drive and Huntington Drive. At its highest point, the site will be up to eight feet higher than the nearest residential property, and therefore the roof peak of the three story building would appear to be 45 feet tall rather than 37 feet tall. Though the grades will make this building appear taller, that apparent height would still be within the height permitted by the Zoning Ordinance. In addition, the proposed heights are consistent with the existing commercial areas. The commercial areas to the west and north are at an elevation of approximately 185 MSL, which is fourteen feet above the adjacent residential area. The commercial buildings range from approximately 20 to 34 feet tall, so these buildings are 34 to 48 feet tall from the perspective of surrounding residential areas.

The proposed multi-story buildings conform to the height limitations of the Zoning Ordinance, are set back from the nearest residential homes, and are oriented to create visual breaks between the buildings. The project design transitions in building height and bulk, with single-story buildings on the southern side adjacent to the residential areas, and multi-story buildings on the north and northeast adjacent to the commercial areas. The height, bulk, size and arrangement of the proposed buildings is harmonious with other buildings in the vicinity.

- 4. The design of the public services, as approved, including but not limited to, trash enclosures and service equipment, are located so as not to detract from the appearance of the site, and are screened appropriately and effectively using construction materials, colors, and landscaping that are harmonious with the site and the building designs.***

All trash containers will be screened within trash enclosures. The enclosures will surround the three non-accessible sides of the trash container, and will be built of block walls to match the other retaining walls on the site. All other service equipment, such as air conditioners, will be placed between or behind the buildings and will be screened from public view.

EVALUATION – LOT LINE ADJUSTMENT

The project site is irregularly shaped, which is the result of two roadways—Huntington Drive and Strauch Drive—intersecting at an irregular angle. In addition, the City's right-of-way is not currently centered over the existing roadways, because when the right-of-way for this area was established a different roadway pattern was envisioned. The City also owns property north and east of the project site which has irregular and odd alignments, again because it was based on an older roadway and improvement pattern. In order to allow beneficial use of the project site, the applicant has requested a lot line adjustment to create logical parcel boundaries (see Exhibit L). The new boundaries will follow the edge of roadway improvements and shift the eastern boundary of the project site.

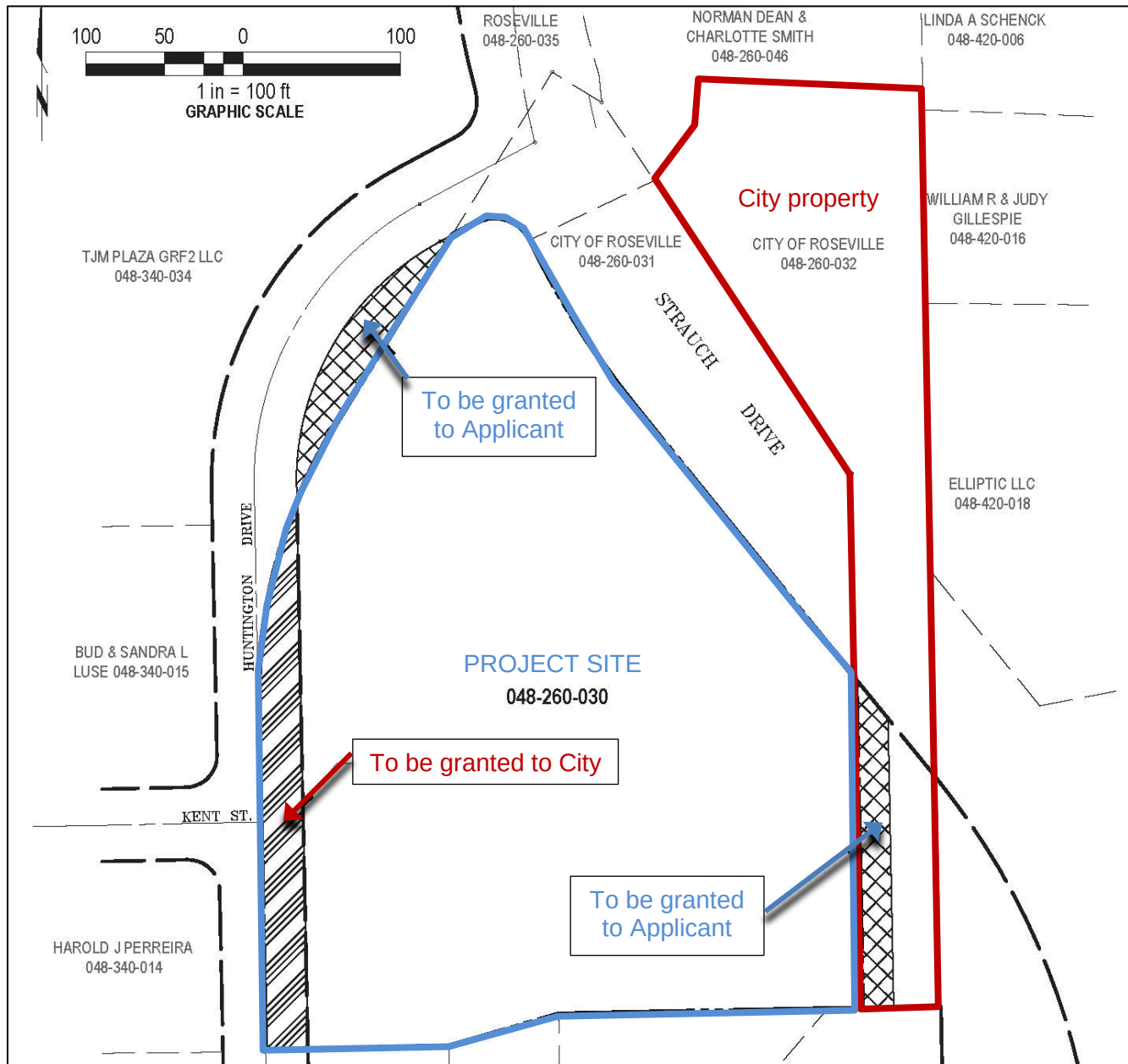
Figure 4 shows the project site, the areas which the applicant proposes to deed to the City and the areas the applicant is requesting from the City. As shown, the boundary of the site extends into the middle of Huntington Drive; the applicant proposes to grant this 8,218 square-foot area to the City, to become part of the City's right-of-way. On the northern boundary of the site, the opposite condition occurs; the City has surplus/excess property where there are no existing or planned roadway improvements. The applicant has requested that this 3,632-square-foot area of property become part of the project site. Finally, the City owns a flag-shaped lot which extends across Strauch Drive and along the eastern side of the project site; the portion adjacent to the project site is only 50 feet wide. Part of this City property lies over a tributary of Cirby Creek and the City's stormwater facilities, and is therefore needed by the City. However, the remainder is a 20-foot-wide section of surplus property between the creek bank and the project site. This area is not planned for any future City facilities, is not needed for maintenance of existing facilities, and has no value to the City; it is surplus land and the City must expend resources and money to maintain this area. The applicant has requested that this 3,933 square-foot surplus City property become part of the project site. In total, the lot line adjustments in these locations would result in 8,218 square feet being granted to the City, and 7,565 square feet of surplus City property being granted to the applicant.

A condition of approval has been added to the project requiring the agreement for the exchange of property be approved prior to recordation of the lot line adjustment. In accordance with the Subdivision Map Act and the City of Roseville Subdivision Ordinance, the evaluation of the request is based on compliance with the City's Zoning Ordinance and Building Code as follows.

1. The proposed Lot Line Adjustment complies with the Zoning Ordinance for the district in which the parcels are located.

The project includes a General Plan Amendment and Rezone to ensure that all of the involved property is appropriately designated and zoned for the proposed uses. The Lot Line Adjustment is intended to facilitate appropriate site development, and does not conflict with any of the City's development standards, as described in the analysis of the Design Review Permit.

Figure 4: Lot Line Adjustments



2. The proposed Lot Line Adjustment complies with the local building regulations, including the California Building Code.

The California Building Code (CBC) establishes building regulations based upon the type of construction, the use of a building or structure and a building's proximity to other buildings and property lines. The future construction and uses of the site have been and will continue to be reviewed for compliance with the City's Design and Development Standards and the CBC through the building permit process. The Lot Line Adjustment is specifically intended to ensure that the site development is consistent with building regulations.

3. The proposed Lot Line Adjustment provides for any necessary relocation of existing infrastructure or easements.

The Lot Line Adjustment is part of the overall development of the site, which includes the creation of appropriate easements and infrastructure. No infrastructure relocation is required to approve the lot line adjustment. A condition of approval has been added to ensure the land swap is effectuated along with the recordation of the lot line adjustment.

4. The proposed Lot Line Adjustment complies with General, Specific Plan, and Subdivision Design Standards.

As noted above, the Lot Line Adjustment is necessary to support the project, which is consistent with the General Plan. There is no Specific Plan in the project area. The proposed Lot Line Adjustment will not conflict with Subdivision Design Standards identified in the City's Subdivision Ordinance.

EVALUATION: TREE PERMIT

Pursuant to Zoning Ordinance Section 19.66.030, a Tree Permit is required for any removal of native oak trees or for more than 20% encroachment into the dripline of a native oak tree. A Protected Tree is defined in the Roseville Municipal Code as a native oak tree equal to or greater than six inches diameter at breast height (DBH) measured as a total of a single trunk or multiple trunks. The proposed project will result in the removal of 12 protected blue oak and 21 protected interior live oak trees. The required findings to approve a Tree Permit are listed below.

- 1. Approval of the Tree Permit will not be detrimental to the public health, safety or welfare, and approval of the Tree Permit is consistent with the provisions of Chapter 19.66.***
- 2. Measures have been incorporated into the project or permit to mitigate impacts to remaining trees or to provide replacement for trees removed.***

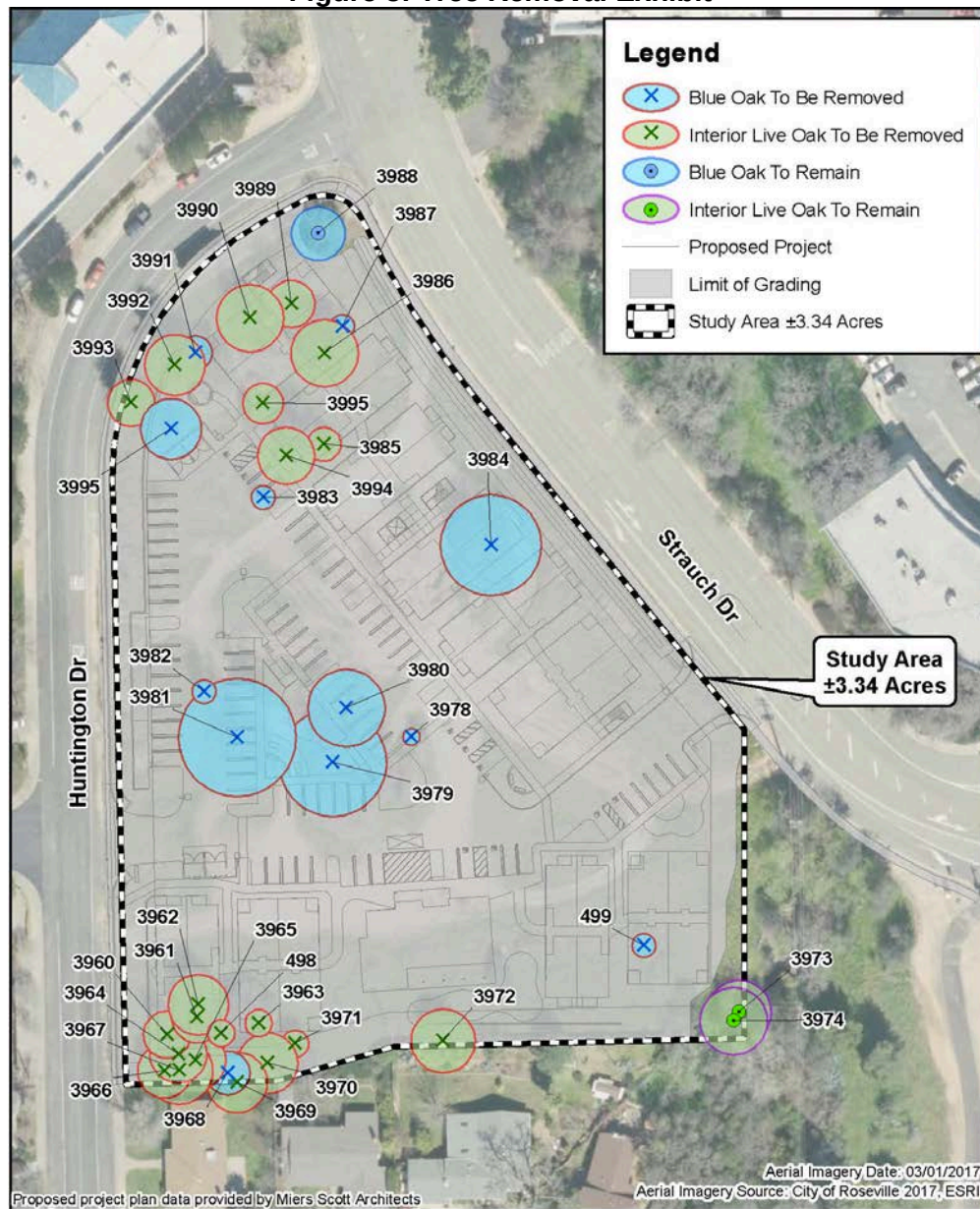
An Arborist Report was prepared by Foothill Associates (Attachment 4 of Exhibit A), dated January 29, 2019. The site includes a large mound which supports a total of 36 oak trees, and a perennial drainage is located off-site to the east of the project area. Figure 5 is a tree removal exhibit. In addition to the trees proposed for removal, excavation activities associated with project development would occur within the dripline of an interior live oak. The removal of 33 oak trees on the site would result in the loss of 613 inches of protected oak trees.

Staff evaluated the potential for additional tree preservation. Two interior live oaks on the eastern project boundary would be protected within the riparian buffer zone, and one blue oak on the northernmost project boundary would be retained because it is within the proposed landscape buffer adjacent to the proposed sidewalk. However, the grades on the Project Site are very challenging, and in order to create level pads for the buildings, a drainage pattern which directs stormwater to the existing system, and finished boundary grades which can be appropriately tied in to the adjacent roads and other development, the entire site needs to be heavily graded. In addition, there are other necessary improvements which would impact trees. The Proposed Project would require construction of a six-foot masonry wall on the southern project boundary, to buffer the existing adjacent residences from site development. The wall and the underground supports (footings) would directly impact the trunks of most of the existing trees along the southern project boundary, which isn't compatible with tree retention.

After a thorough evaluation, staff concluded that it is infeasible to retain most of the trees on the site if the site is to be developed. The applicant has proposed to comply with the compensation requirements of the City's Tree Preservation Ordinance through a combination of onsite planting and payment into the City's in-lieu fee program. A total of 32 interior live oak trees will be replanted within the landscaping areas of the site. The Tree Permit contains all of the standard conditions of approval, which includes a requirement to follow all of the recommendations of the Arborist Report. The removal of these trees will

not be detrimental to the public health, safety, or welfare, and measures have been incorporated to mitigate impacts.

Figure 5: Tree Removal Exhibit



ENVIRONMENTAL DETERMINATION

Acting as Lead Agency, the City published an Initial Study leading to a Mitigated Negative Declaration on February 8, 2019, with the public review period ending on March 11, 2019 (see Exhibit A). The Initial Study concludes that impacts related to biological resources, groundwater storage, construction noise, and tribal cultural resources require mitigation to reduce impacts to less than significant levels. The detailed measures are included in Exhibit A, but in summary the measures include:

- Pre-construction surveys for protected species, such as surveys for nesting birds
- Compliance with the submitted Water Conservation Plan (Attachment 6 of Exhibit A)
- Implementation of measures to reduce construction noise impacts

- Measures to ensure tribal cultural resources are treated appropriately, should any undiscovered resources be present on the site

To date, one comment letter has been received. The comment is from the Placer County Air Pollution Control District, and includes the correction of a typo and a suggestion to use a higher-rated air filter in the apartments to provide more filtration of wildfire smoke. The suggestion has been provided to the applicant, and the error in the Initial Study is minor and does not require revision. No other comments have been received to date.

PUBLIC OUTREACH

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations and a sign was posted on the site advertising the proposed land use changes and providing the City's contact information. The applicant also held a neighborhood meeting at the Maidu Community Center on December 12, 2018. Notices for this meeting were sent out to all property owners within 300 feet of the project site. The neighborhood meeting was well-attended, with approximately 40 people present. A few attendees expressed support, but the majority of attendees expressed concerns about traffic, safety, visual impacts, construction impacts, parking, and noise.

In response to these concerns, the City staff investigated the accident history at the nearby signal and gathered information on traffic volumes, the applicant added speed tables to the project site to discourage drivers from cutting through the project, a condition has been added requiring the construction management plan to prohibit contractor parking in front of residences on Huntington Drive, and the applicant prepared line-of-sight drawings to show how views would be affected. This information, along with an evaluation of noise, traffic, and other impacts, was included in the Initial Study and Mitigated Negative Declaration (IS/MND) published on February 8, 2019. Notice of the IS/MND publication was provided to all property owners within 300 feet of the site and to all interested people who had provided their contact information to the City. The comment period for the IS/MND ends on March 11, 2019. A public notice of the Planning Commission hearing was published on February 22, 2019, and was distributed to all property owners within 300 feet of the project site and to all interested persons who had requested notice. As discussed in the Environmental Determination section, one comment has been received to date.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Adopt the Huntington Senior Apartments Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program;
- B. Recommend the City Council approve the **GENERAL PLAN AMENDMENT – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247**;
- C. Recommend the City Council adopt the two (2) findings of fact as stated in the staff report and approve the **REZONE – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247**;
- D. Adopt the findings of fact as stated in the staff report and approve the **DESIGN REVIEW PERMIT – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247** subject to ninety-one (91) conditions of approval;
- E. Adopt the findings of fact as stated in the staff report and approve the **LOT LINE ADJUSTMENT – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247** subject to nine (9) conditions of approval;

- F. Adopt the findings of fact as stated in the staff report and approve the **TREE PERMIT – 1650 Huntington Dr – INFILL PCL 93 & 196 – Huntington Senior Apartments – PL17-0247** subject to twenty-one (21) conditions of approval.

CONDITIONS OF APPROVAL FOR DESIGN REVIEW PERMIT

1. This Design Review Permit approval shall be effectuated within a period of two (2) years from **March 14, 2019** and if not effectuated shall expire on **March 14, 2021**. Prior to said expiration date, the applicant may apply for an extension of time, provided this approval does not extend the expiration beyond **March 14, 2022**. (Planning).
2. The Design Review Permit shall not be deemed approved until the actions on the Rezoning and General Plan Amendment are approved and become effective. (Planning)
3. The project is approved as shown in Exhibits D–K and as conditioned or modified below. (Planning)
4. The project shall comply with all required environmental mitigation identified in the Huntington Senior Apartments Initial Study and Mitigated Negative Declaration. (Planning)
5. The project shall be addressed as 1650 Huntington Drive. All projects with multi-tenants shall submit a site plan and floor plans (for all floors and all uses) upon initial Building Permit submittal for address approval or assignment. Please specify “Business Services – Addressing” on the submittal. See City of Roseville Addressing Guidelines at Roseville.ca.us/Addressing for more information. (Business Services)
6. The applicant shall pay City’s actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after the end of warranty or the Notice of Termination date for the SWPPP, whichever occurs later. (Engineering, Environmental Utilities, Electric, Finance)
7. The design and construction of all improvements shall conform to the Design and Construction Standards of the City of Roseville, or as modified by these conditions of approval, or as directed by the City Engineer. (Engineering)
8. The applicant shall not commence with any on-site improvements or improvements within the right-of-way until such time as grading and/or improvement plans have been submitted for review and are approved and grading and/or encroachment permits are issued by the Department of Development Services – Engineering Division. (Engineering)
9. The approval of this project does not constitute approval of proposed improvements as to size, design, materials, or location, unless specifically addressed in these conditions of approval. The Developer shall submit civil drawings to the Department of Development Services – Engineering Division for review and approval. (Engineering)

PRIOR TO ISSUANCE OF BUILDING PERMITS:

10. Prior to issuance of building permits or improvement plans, the transfer of property as identified in Exhibit L (Lot Line Adjustment/Property Transfer Exhibit), shall be completed. (Development Services)
11. The construction management plan shall contain a prohibition against contractor parking in front of single family homes on Huntington Drive.
12. Parking stalls shall meet, or exceed, the following minimum standards:

- a. All parking stalls shall be double-striped. Parking stalls adjacent to sidewalks, landscaped areas or light fixtures, and all Accessible stalls shall about a 6" raised curb or concrete bumper. (Planning)
 - b. Standard -- 9 feet x 18 feet; Compact--9 feet x 16 feet; Accessible--14 feet x 18 feet (a 9 foot wide parking area plus a 5 foot wide loading area) and a minimum of one (1) parking space shall be Accessible van accessible--17 feet x 18 feet (9 foot wide parking area plus an 8 foot wide loading area). (Planning)
 - c. An 'exterior routes of travel' site accessibility plan incorporating slope, cross-slope, width, pedestrian ramps, curb ramps, handrails, signage, detectable warnings or speed limit signs or equivalent means shall comprise part of the site improvement plans submitted to City for review, prior to building plan check approvals. This site accessibility plan shall also include:
 - i) Accessible public parking stalls shall be dispersed and located closest to accessible entrances. The total number of accessible parking spaces shall be established by Table 11B-208.2 of the CBC.
 - ii) Accessible public Parking spaces and crosswalks shall be signed, marked and maintained as required by Chapter 11B of the CBC.
 - iii) Accessible public parking and exterior route of travel shall comply with CBC, Sections 11B-206 and 11B-208. (Building)
 - iv) Parking provided for the covered multifamily dwellings shall comply with the accessibility requirements of CBC Sec. 1109A. (Building)
13. Signs and/or striping shall be provided on-site as required by the Planning Department to control on-site traffic movements. Parking lot striping and signage shall be maintained in a visible and legible manner. (Planning)
14. The plans submitted to the Building Department for permits shall indicate all approved revisions/alterations as approved by the Commission including all conditions of approval. (Planning)
15. The project Landscape Plans shall comply with the following:
- a. The Landscape Plan shall indicate the location of, and be designed to avoid conflicts with, all pole-mounted light fixtures and utility equipment including (but not limited to) electric transformers, switchgear, and overhead lines, backflow preventers, fire department connections, and public water, sewer, and storm drain facilities. (Planning, Fire, Environmental Utilities, Electric, Public Works)
 - b. The tree plantings in the parking lot shall be designed to provide a minimum of 50% shade coverage after 15 years. (Planning)
 - c. At a minimum, landscaped areas not covered with live material shall be covered with a rock, (3") bark (no shredded bark) or (3") mulch covering. (Planning)
 - d. The landscape plan shall comply with the City of Roseville Water Efficient Landscape ordinance. (Planning)
 - e. All landscaping in areas containing electrical service equipment shall conform to the Electric Department's Landscape Requirements and Work Clearances as outlined in Section 10.00 of the Departments "Specification for Commercial Construction." (Electric)

16. Any roof-mounted equipment and satellite dishes proposed shall be shown on the building plans. The equipment shall be fully screened from public streets and the surrounding properties. (Planning)
17. At the time of building permit application and plan submittal, the project applicant shall submit a proposed plan which shows the addressing plan for each individual building and dwelling unit numbers. The Building Official, or the designate, shall approve said plan prior to building permit approval. See City of Roseville Addressing Guidelines. (Building)
18. A separate Architectural Site Accessibility Plan which details the project's site accessibility information as required by California Title 24, Part 2 shall be submitted as part of the project Building Permit Plans. (Building)
19. For Multiple Building Complexes: As part of the required Architectural Site Accessibility Plan, the developer shall delineate the extent of the site accessibility improvements being installed as part of the initial improvements for the project, and those that are planned to be developed as part of subsequent phases (i.e. around future pad buildings). (Building)
20. Building permit plans shall comply with all applicable code requirements (California Building Code – CBC – based on the International Building Code, California Green Building Standards Code-CGBSC, California Mechanical Code – CMC – based on the Uniform Mechanical Code, California Plumbing Code – CPC – based on the Uniform Plumbing Code, California Fire Code – CFC – based on the International Fire Code – with City of Roseville Amendments – RFC, California Electrical Code – CEC – based on the National Electrical Code, and California Energy Standards – CEC T-24 Part 6), California Title 24 and the American with Disabilities Act - ADA requirements, and all State and Federally mandated requirements in effect at the time of submittal for building permits (contact the Building Division for applicable Code editions). (Building)
21. For commercial swimming pools: The developer shall obtain all required approvals and permits from the Placer County Health Department. (Building)
22. For commercial swimming pools. The developer shall obtain all required approvals and permits from the Placer County Health Department and the City of Roseville Industrial Waste Division. (Building, Environmental Utilities)
23. Maintenance of copy of building plans: Health and Safety Code section 19850 requires the building department of every city or county to maintain an official copy of the building plans for the life of the building. As such, each individual building shall be submitted as a separate submittal package. Building plan review, permit issuance and archiving is based on each individual building address.
24. For all work to be performed off-site, permission to enter and construct shall be obtained from the property owner, in the form of a notarized right-of-entry. Said notarized right-of-entry shall be provided to Public Works prior to approval of any plans. (Engineering)
25. The Improvement Plans shall include a complete set of Landscape Plans. The Landscape Plans shall be approved with the Improvement Plans. (Planning, Engineering, Fire, Environmental Utilities, Electric)
26. The site shall be accessed by two 35-foot A-7 driveways located on Strauch Drive and Huntington Drive. A median shall be placed on Strauch Drive to prevent left turn movements into the driveway. (Engineering)
27. The frontage of Huntington Drive shall be improved to include standard curb, gutter, 5-foot wide sidewalk, and pedestrian ramps. Huntington Drive is a collector roadway and shall be widened such that the road width equals 24-feet as measured from road centerline to back of curb. (Engineering)

28. The frontage of Strauch Drive shall be improved to include 5-foot sidewalk from Huntington Drive to the existing trail at the corner of Rocky Ridge Drive. (Engineering)
29. A note shall be added to the grading plans that states:

“Prior to the commencement of grading operations, the contractor shall identify the site where the **excess/borrow** earthen material shall be imported/deposited. If the **borrow/deposit** site is within the City of Roseville, the contractor shall produce a report issued by a geotechnical engineer to verify that the exported materials are suitable for the intended fill, and shall show proof of all approved grading plans. Haul routes to be used shall be specified.” (Engineering)
30. A loading and unloading zone shall be provided in front of the Clubhouse for Dial-A-Ride/Paratransit service. This zone shall allow space for our bus to stop and unload passengers without blocking parked cars, and shall be shown on the improvement plans. (Alternative Transportation and Engineering).
31. A covered seating area shall be located at the accessible parking area closest to the main entrance of the Clubhouse, visible from the drive aisle for Dial-a-Ride/Paratransit passenger drop-off and pick-up. If the seating area is exterior, the seating location shall be shown on the improvement plans. If the seating area is inside the clubhouse, the location shall be shown on the building plans. (Alternative Transportation and Engineering).
32. The applicant shall dedicate all necessary rights-of-way or Public Utility Easement for the widening of any streets or transfer of public utilities across and over any portion of the property as required with this entitlement. A separate document shall be drafted for approval and acceptance by the City of Roseville, and recorded at the County Recorder's Office. (Engineering)
33. All storm drainage, including roof drains, shall be collected on site and treated with Best Management Practices (BMP's) per the City's Stormwater Quality Design Manual. All storm water shall be routed to the nearest existing storm drain system or natural drainage facility. Drain outfalls shall extend down to the receiving water and shall be constructed with adequate velocity attenuation devices. The grading/improvement plans for the site shall be accompanied with a shed map that defines that area tributary to this site and all drainage facilities shall be designed to accommodate the tributary flow. The storm drain system and proposed BMP's shall be privately owned and maintained by the property owner. Prior to the issuance of any permits, the owner shall provide a plan for the maintenance of the proposed BMP's. (Engineering)
34. Prior to the issuance of any permits, the property owner shall prepare and submit a Storm Water Pollution Prevention Plan (SWPPP) to the City, as defined by the Regional Water Quality Control Board. The SWPPP shall be submitted in a single three ring binder. Upon approval, the SWPPP will be returned to the property owner during the pre-construction meeting. (Engineering)
35. The developer shall be responsible for any necessary relocation of signal interconnect cables that may require re-location as a result of the construction of turn lanes and/or driveways. (Engineering)
36. To ensure that the design for any necessary widening, construction, or modifications of Public Streets does not conflict with existing dry utilities generally located behind the curb and gutter, and prior to the submittal of design drawings for those frontage improvements, the project proponent shall have the existing dry utilities pot holed for verification of location and depth. (Engineering)
37. Sight distances for all driveways shall be clearly shown on the improvement plans to verify that minimum standards are achieved. It will be the responsibility of the project proponent to provide appropriate landscaping and improvement plans, and to relocate and/or modify existing facilities as needed to meet these design objectives. (Engineering)

38. The applicant shall remove and reconstruct any existing damaged curb, gutter, and sidewalk along the property frontage. During plan check of the improvement plans and/or during inspection, Public Works will designate the exact areas to be reconstructed. Any existing public facilities damaged during the course of construction shall be repaired by the property owner and at the property owner's expense, to the satisfaction of the City. (Engineering)
39. Prior to the approval of the improvement plans, it will be the project proponent's responsibility to pay the standard City Trench Cut Recovery Fee for any cuts within the City streets that are required for the installation of underground utilities. (Engineering)
40. Prior to the issuance of building permits, the property owner shall pay into the following fee programs: Citywide Drainage Fee, Citywide Traffic Mitigation Fee (TMF), Highway 65 Joint Partners Association (JPA), South Placer Regional Transportation Authority (SPRTA), and City/County Fee. (Public Works)
41. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer and recycled water utilities within the boundaries of the project (including adjoining public right of way). Existing utilities shall be identified in plan-view and in profile view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along with the proposed protection measures. The developer shall be responsible for taking measures and incurring costs associated with protecting the existing water, sewer and recycled water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)
42. The applicant shall pay all applicable water and sewer fees. (Environmental Utilities)
43. Water and sewer infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards and shall include:
 - a. Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.
 - b. Water, sewer and recycled mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions of approval.
 - c. All sewer manholes shall have all-weather 10-ton vehicle access unless authorized by these conditions of approval. (Environmental Utilities)
44. Trash enclosures, recycling areas, and enclosure approaches shall be designed to current Refuse Division specifications, the materials and colors shall match the building, and the location of such facilities shall be reviewed and approved by the Refuse Division, Planning and the Fire Department. The enclosure must have inside dimensions of 12 feet wide and 9 feet deep and be built to the specifications of the Solid Waste Department's Enclosure Description. (Refuse, Planning, Fire)
45. Access to trash enclosures shall have an inside turning radius of 25 feet and an outside turning radius of 45 feet must be maintained to allow the refuse truck access to and from the enclosure. Enclosures must have a clear approach of 65 feet in front of the enclosure to allow servicing bins. (Refuse)
46. A trash enclosure and recycling enclosure is required for each building and each tenant, otherwise, the building owner is responsible for the trash service. (Refuse)

47. The design and installation of all fire protection equipment shall conform to the California Fire Code and the amendments adopted by the City of Roseville, along with all standards and policies implemented by the Roseville Fire Department. (Fire)
48. The applicable codes and standards adopted by the City shall be enforced at the time construction plans have been submitted to the City for permitting. (Fire)
49. The fire flow required, at a 50% reduction due to the buildings being sprinklered, will be based on the largest single structure in accordance with the California Fire Code at the time detail plans are submitted to the City of Roseville for review. The maximum fire flow will not exceed 2,500 gpm, based on Appendix III-AA of the California Fire Code. (Fire)
50. All fire apparatuses (such as fire department connections and post indicating valves) serving identified buildings shall be designed and installed adjacent to each structure for first responder's operational purposes. (Fire)
51. The fire department access road shall meet the City's requirements for width and turning radii of 30 feet and 50 feet as noted on the fire department standards for access. This shall be enforced at the time plans are submitted for review. Additional information can be found on the City's website www.roseville.ca.us or contact Patrick Chew, Senior Fire Inspector, at 916-774-5823 or pchew@roseville.ca.us with the Fire Prevention Division for information. (Fire)
52. An **approved** automatic fire extinguishing system shall be provided for all buildings where the total fire area is **3,600** square feet or greater, as required by California Fire Code as adopted by this city for non-single-family residential units. If a NFPA 13R fire system is allowed, attics shall be fully sprinklered. All amendments, standards and policies can be found on the City's web site www.roseville.ca.us or contact Patrick Chew, Senior Fire Inspector, at 916-774-5823 or pchew@roseville.ca.us with the Fire and Life Safety Division for information. (Fire)
53. Automatic fire extinguishing system risers, fire alarm system panels and digital alarm communicator system panels shall be located within an approved fire control room and shall be accessible from an adjacent fire apparatus roadway. Said fire control room shall be a minimum size of thirty-five (35) square feet in size and shall be openable from the exterior via an approved door opening. However, if this project requires the installation of a fire pump, this room will likely be much larger than the minimum stated by ordinance. (Fire)
54. If the existing water supply is unable to support the automatic fire sprinkler system, a listed fire pump will be required. The fire pump room shall be sized to accommodate all the required apparatuses needed to operate the system. (Fire)
55. The fire department shall have access to all bedroom windows located three-stories and below in accordance with the adopted building code. This provision shall also apply to all bedroom windows regardless of property lines. Provisions shall also be considered when installing trusses, trees, building expansion and other outdoor equipment. If access to rescue windows crosses property lines, a service agreement shall be maintained with all property owners acknowledging limitation of all future tenant improvement work within the areas of interest. (Fire)
56. Vertical clearance of 13 feet 6 inches shall be provided along all parts of the designated fire lanes in accordance with the California Fire Code. (Fire)
57. If this project is phased, all phases shall maintain fire department requirements for access and circulation in accordance with the California Fire Code, 2013 (with the City of Roseville's Amendments). A separate phasing plan (and permit issued by the Building Department) shall be reviewed and approved by the Fire Department. (Fire)

58. If added cornice construction is involved, the design shall support the weight of a ladder leaning against the assembly as well as a 330-pound vertical load applied to the **leading edge** of the horizontal projection of the cornice (a 250-pound firefighter carrying 80 pounds of equipment stepping off of a ladder onto the top of the cornice). (Fire)
59. At least one elevator within this proposed complex shall accommodate an ambulatory stretcher in accordance with the provisions of Chapter 30 of the California Building Code. Said elevator shall be labeled with the fire service symbol as an identifier as noted in the CBC, Chapter 30. Space shall be made to also accommodate an elevator machine room. This room is required to be fire rated as required for the hoistway. (Fire)
60. Fire breaks within combustible conceal spaces shall meet the maximum allowable void space permissible about our standard of 160 cubic feet provided there are no source of ignition. (Fire)
61. Any electronically-opened access gates located across fire apparatus access roads shall be provided with an approved strobe switch access system which interfaces with the TOMAR Model 780-1228-PRE or 3M OPTICOM traffic preemption optical signal emitter provided on all City emergency vehicles in accordance with the California Fire Code and as adopted by the City of Roseville. Provide a TOMAR 1790-14 STROBESWITCH or other approved system at the gated entry noted. Said device shall activate via a frequency of 14.035 HZ +/- 0.25HZ (HIGH-PRIORITY). Said device shall be mounted at a height of seven feet (7') above the adjacent road surface. Submit complete specifications on the type of access system to be installed to the Fire Department prior to final acceptance of the drawings. In addition, add the following note to the drawing: "An acceptance test of the Emergency Vehicle Strobe-switch system shall be witnessed by the Fire Department prior to Final Approval of the project."
62. The addition of units to this specific plan triggers the requirement for five (5) affordable rental units reserved for very low and low income households, with 3 units to be reserved for very low income households and 2 units to be reserved for low income households. An Affordable Rental Housing Agreement shall be executed prior to issuance of building permits. (Housing)
63. The Electric Department requires the submittal of the following information in order to complete the final electric design for the project:
 - a. one (1) set of improvement plans
 - b. load calculations
 - c. electrical panel one-line drawings (Electric)
64. All on-site external lighting shall be installed and directed to have no off-site glare. Lighting within the parking areas and pedestrian walkways shall provide a maintained minimum of one (1) foot candle, and 0.5 foot candle of light, respectively. All exterior light fixtures shall be vandal resistant. (Planning, Police)
65. The parking lot shall have properly posted signs that state the use of the parking area is for the exclusive use of employees and customers of this project. (See California Vehicle Code Sections 22507.8, 22511.5, 22511.8, 22658(a), and the City of Roseville Municipal Code Section 11.20.110). The location of the signs shall be shown on the approved site plan. (Planning, Police)
66. It is the developer's responsibility to notify PG&E of any work required on PG&E facilities. (PG&E)

DURING CONSTRUCTION & PRIOR TO ISSUANCE OF OCCUPANCY PERMITS:

67. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:
- There shall be a minimum clearance of four feet (4'), on all sides, from the backflow preventer to the landscaping.
 - For maintenance purposes, the landscaping shall only be installed on three sides and the plant material shall not have thorns.
 - The control valves and the water meter shall be physically unobstructed.
 - The backflow preventer shall be covered with a green cover that will provide insulation. (Planning, Environmental Utilities)
68. The following easements shall be provided by separate instrument and shown on the site plan, unless otherwise provided for in these conditions:
- Water, sewer, and reclaimed water easements.
 - Additional internal easements will be required to cover primary electrical facilities to the project when the final electrical design is completed. (Electric)
69. Easement widths shall comply with the City's Improvement Standards and Construction Standards. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville." All legal descriptions shall be prepared by a licensed land Surveyor. All existing public utility, electric, water, sewer and reclaimed water easements shall be maintained unless otherwise authorized by these conditions of approval. (Public Works, Environmental Utilities, Electric)
70. Inspection of the potable water supply system on new commercial/ industrial/ office projects shall be as follows:
- The Environmental Utilities Inspector will inspect all potable water supply up to the downstream side of the backflow preventer.
 - The property owner/applicant shall be responsible for that portion of the water supply system from the backflow preventer to the building. The builder/contractor shall engage a qualified inspector to approve the installation of this portion of the water supply. The Building Division will require from the builder/ contractor, a written document certifying that this portion of the potable water supply has been installed per improvement plans and in accordance with the Uniform Plumbing Code. This certificate of compliance shall be submitted to the Building Division before a temporary occupancy or a building final is approved.
 - The building inspectors will exclusively inspect all potable water supply systems for the building from the shutoff valve at the building and downstream within the building. (Building, Environmental Utilities)
71. All improvements being constructed in accordance with the approved grading and improvement plans shall be accepted as complete by the City. (Engineering)
72. The words "traffic control appurtenances" shall be included in the list of utilities allowed in public utilities easements (PUE's) located along public roadways. (Engineering)

73. Water, sewer and reclaimed water shall be constructed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. (Environmental Utilities)
74. All water backflow devices shall be tested and approved by the Environmental Utilities Department. (Environmental Utilities)
75. All Electric Department facilities, including streetlights where applicable, shall be designed and built to the "City of Roseville Specifications for Commercial Construction." (Electric)
76. The City of Roseville Electric Department has electrical construction charges which are to be paid by the developer and which are explained in the City of Roseville "Specification for Commercial Construction." These charges will be determined upon completion of the final electrical design. (Electric)
77. Any relocation, rearrangement, or change of existing electric facilities due to this development shall be at the developer's expense. (Electric)
78. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)
79. All electric metering shall be directly outside accessible. This can be accomplished in any of the following ways:
 - a. Locate the metered service panel on the outside of the building.
 - b. Locate the metered service panel in a service room with a door that opens directly to the outside. The developer will be required to provide a key to the door for placement in a lock box to be installed on the outside of the door. Any doors leading from the service room to other areas of the building shall be secured to prohibit unauthorized entry. (Electric)
80. It is the responsibility of the developer to insure that all existing electric facilities remain free and clear of any obstruction during construction and when the project is complete. (Electric)

OTHER CONDITIONS OF APPROVAL:

81. Signs shown on the elevations are not approved as part of the Design Review Permit. A Sign Permit is required for all project signs. (Planning)
82. Following the installation of the landscaping, all landscape material shall be maintained in a healthy and weed free condition; dead plant material shall be replaced immediately. All trees shall be maintained and pruned in accordance with the accepted practices of the International Society of Arboriculture (ISA). (Planning)
83. The City reserves the right to restrict vehicle turning movements within the public right-of-way in the future if deemed necessary by the City Engineer. (Engineering)
84. The required width of fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and vertical clearances established by the Fire Code shall be maintained at all times during construction. Closure of accesses for fire apparatus by gates, barricades and other devices shall be prohibited unless approved by the Fire Chief. (Fire)
85. Temporary aboveground storage tanks may be used at construction sites for diesel fuel only and shall not exceed 1,000 gallon capacity. Tanks shall comply with all provisions found within the Fire Code.

A Fire Department Permit shall be obtained prior to tank installation. The permit shall expire after 90 days from the date of issuance, unless extended by the Fire Chief. (Fire)

86. If site survey or earth moving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor or person responsible for the building permit must notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable or not and if site remediation is required. (Fire)
87. The location and design of the gas service shall be determined by PG&E. The design of the gas service for this project shall not begin until PG&E has received a full set of City approved improvement plans for the project. (PG&E)
88. The project is subject to the noise standards established in the City's Noise Ordinance. In accordance with the City's Noise Ordinance project construction is exempt between the hours of seven a.m. and seven p.m. Monday through Friday, and between the hours of eight a.m. and eight p.m. Saturday and Sunday. Provided, however, that all construction equipment shall be fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order. (Building)
89. The developer (or designated consultant) shall certify that the building foundation location has been placed according to all approved setback requirements shown on the approved site plan. The developer shall prepare a written statement confirming building placement and provide an original copy to the City Building Division Inspector at the time of or prior to the foundation inspection. (Building)
90. Prior to Certificate of Occupancy, the applicant may apply for a Temporary Certificate of Occupancy (TCO) of the building. If a TCO is desired, the applicant must submit a written request to the Building Division a minimum of thirty (30) days prior to the expected temporary occupancy date and shall include a schedule for occupancy and a description of the purpose for the Temporary Certificate of Occupancy. (Building)
91. Concurrent with submittal for plan check and prior to a request for final building inspection, the applicant may request City approval of an occupancy phasing plan to allow individual or multiple building occupancies. This request shall be made in writing to the Building Division and shall include 10 copies of the following:
 - a. A description of measures that will be undertaken to minimize conflict between residents/ building occupants and construction traffic (e.g. fencing, etc.);
 - b. A phasing plan showing the proposed buildings, internal roads and access routes, landscaping, trash enclosure locations, and any other improvements planned for each phase; and
 - c. Estimated time frame for each phase and a specific date for the first phase. (Planning, Building)

CONDITIONS OF APPROVAL FOR LOT LINE ADJUSTMENT

1. The Lot Line Adjustment is approved as shown in Exhibit L. (Planning, Engineering)
2. The following shall be submitted to Engineering prior to recordation of the Lot Line Adjustment:
 - a. Two copies of property boundary description with exhibit map (8.5" x 11" sheet), and one copy of boundary closure calculations for resulting lots. These items shall be stamped and signed by a

California Licensed Land Surveyor or Registered Civil Engineer authorized to practice land surveying.

- b. One copy of the Conditions of Approval.
 - c. A completed Property Owner Consent Form.
 - d. Deed to convey interest in the property.
 - e. Preliminary title report no older than six months for all properties involved. (Engineering)
 - f. Evidence that the transfer of property as identified in Exhibit L (Lot Line Adjustment/Property Transfer Exhibit), has been completed, or a signed, executed agreement to transfer property has been completed, which can be recorded concurrently with the Lot Line Adjustment. (Development Services)
3. If surveying monuments are placed as a result of this Property Line Adjustment, it will be the responsibility of the Surveyor to record a Record of Survey with the County Recorder's Office. (Engineering)
 4. All existing easements shall be maintained, unless otherwise provided for in these conditions. (Environmental Utilities, Electric, Engineering)
 5. The applicant shall submit to the Engineering Division of Public Works a paper copy and an electronic copy of the recorded Voluntary Merger or Lot Line Adjustment per the "Digital Submittal of Cadastral Surveys." (Environmental Utilities)

OTHER CONDITIONS IF NEEDED TO RELOCATE FACILITIES AND EASEMENTS

6. Easement widths shall comply with the City's Improvement Standards and Construction Standards. (Engineering, Environmental Utilities, Electric)
7. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville." All legal descriptions shall be prepared by a licensed land Surveyor. (Environmental Utilities, Electric, Engineering)
8. Prior to recordation of the lot line adjustment, the applicant shall pay the City's surveyor's processing and consulting fee of \$150. (Engineering)
9. Any relocation, rearrangement, or change to existing City facilities due to this Lot Line Adjustment shall be paid for by the applicant. (Engineering, Environmental Utilities, Electric)

CONDITIONS OF APPROVAL FOR TREE PERMIT

CONDITION	COMPLIANCE VERIFIED/ INSPECTED	COMMENTS
PRIOR TO ISSUANCE OF ANY PERMITS OR ANY CONSTRUCTION ON-SITE		
1. All recommendations contained in the Arborist Report(s) (Exhibit A, Attachment 4)) shall be incorporated as part of these conditions, except as modified herein. (Planning)		
2. Trees number 498, 499, 3960–3972, 3978–3987, and 3989–3996 (or as listed in Exhibit A) are approved for removal with this tree permit. All other native oak trees shall remain in place. Trees to be removed shall be clearly marked in the field and inspected by Planning Staff prior to removal. Removal of the trees shall be performed by or under the supervision of a certified arborist. (Planning)		

3. The developer shall be responsible for the replacement of the total number of inches proposed for removal prior to any tree removal. The total number of inches for this project is 613. Mitigation must be provided prior to tree removal unless otherwise approved in the tree replacement plan or in these conditions. (Planning)		
4. No activity shall be permitted within the protected zone of any native oak tree beyond those identified by this report. (Planning)		
5. A \$10,000 cash deposit or bond (or other means of security provided to the satisfaction of the Planning Division) shall be posted to insure the preservation of all remaining trees during construction. The cash deposit or bond shall be posted in a form approved by the City Attorney. Each occurrence of a violation on any condition regarding tree preservation shall result in forfeiture of all or a portion of the cash deposit or bond. (Planning)		
6. A violation of any of the conditions of this Tree Permit is a violation of the Roseville Municipal Code, the Zoning Ordinance (Chapter 19.74) and the Tree Preservation Ordinance (Chapter 19.66). Penalties for violation of any of the conditions of approval may include forfeiture of the bond, suspension or revocation of the permit, payment of restitution, and criminal penalties. (Planning)		
7. A fencing plan shall be shown on the approved site plan and/or improvement plans demonstrating the Protected Zone for the affected trees. A maximum of three feet beyond the edge of the walls, driveway, or walkways will be allowed for construction activity and shall be shown on the fencing plan. The fencing plan shall be reviewed and approved by the Planning Division prior to the placement of the protective fencing. (Planning)		
8. The applicant shall install a minimum of a five-foot high chain link fence (or acceptable alternative) at the outermost edge of the Protected Zone of the oak tree. Where encroachment is permitted pursuant to Condition 4, above, the fencing for encroachments shall be installed at the limit of construction activity. The applicant shall install signs at two equidistant locations on the temporary fence that are clearly visible from the front of the lot and where construction activity will occur. The size of each sign shall be a minimum of two feet (2') by two feet (2') and must contain the following language: "WARNING THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE PLANNING DIVISION." (Planning)		
9. Once the fencing is installed, the applicant shall schedule an appointment with the Planning Division to inspect and approve the temporary fencing before beginning any construction. (Planning)		
10. The applicant shall arrange with the arborist to perform, and certify in writing, the completion of deadwooding, fertilization, and all other work recommended for completion prior to the approval of improvement plans. Pruning shall be done by an Arborist or under the direct supervision of a Certified Arborist, in conformance with International Society of Arboriculture (I.S.A.) standards. Any watering and deep root fertilization which the arborist deems necessary to protect the health of the trees as noted in the arborist report or as otherwise required by the arborist shall be completed by the applicant. (Planning)		.
11. A utility trenching pathway plan shall be submitted depicting all of the following systems: storm drains, sewers, water mains, and underground utilities. The trenching pathway plan shall show the proposed locations of all lateral lines. (Planning)		

12. A Site Planning Meeting shall be held with the applicant, the applicant's primary contractor, the Planning Division and the Engineering Division to review this permit, the approved grading or improvement plans, and the tree fencing prior to any grading on-site. The Developer shall call the Planning Division and Engineering Division two weeks prior to the start of grading work to schedule the meeting and fencing inspection. (Planning)		
DURING CONSTRUCTION		
13. The following information must be located on-site during construction activities: Arborist Report, approved site plan/improvement plans including fencing plan, and conditions of approval for the Tree Permit. All construction must follow the approved plans for this tree permit without exception. (Planning)		
14. All preservation devices (aeration systems, oak tree wells, drains, special paving, etc.) shall be designed and installed as required by these conditions and the arborist's recommendations, and shall be shown on the improvement plans or grading plans. (Planning)		
15. If any native ground surface fabric within the Protected Zone must be removed for any reason, it shall be replaced within forty-eight (48) hours. (Planning)		
16. Storage or parking of materials, equipment, or vehicles is not permitted within the Protected Zone of any oak tree. Vehicles and other heavy equipment shall not be operated within the Protected Zone of any oak tree. (Planning)		
17. Where recommended by the arborist, portions of the foundation shall be hand dug under the direct supervision of the project arborist. The certified arborist shall immediately treat any severed or damaged roots. Minor roots less than one (1) inch in diameter may be cut, but damaged roots shall be traced back and cleanly cut behind any split, cracked or damaged area. Major roots over one (1) inch in diameter may not be cut without approval of an arborist and any arborist recommendations shall be implemented. (Planning)		
18. The temporary fencing shall remain in place throughout the entire construction period and shall not be removed without obtaining written authorization from the Planning Division. In no event shall the fencing be removed before the written authorization is received from the Planning Division. (Planning)		
PRIOR TO ISSUANCE OF AN OCCUPANCY PERMIT		
19. Within 5 days of the completion of construction, a Certification Letter from a certified arborist shall be submitted to and approved by the Planning Division. The certification letter shall attest to all of the work (regulated activity) that was conducted in the protected zone of the tree, either being in conformance with this permit or of the required mitigation still needing to be performed. (Planning)		
20. A copy of this completed Tree Permit Compliance Verification/Inspection form shall be submitted to the Planning Division. (Planning)		
21. The approval of this Tree Permit shall expire on the same date as the Design Review Permit for the Huntington Senior Apartments (PL17-0247).		

Attachments

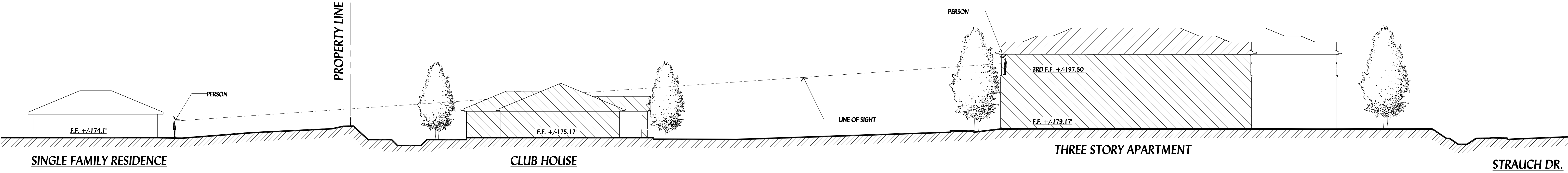
1. Non-Residential Conversion Guidelines
2. Line of Sight Exhibit

Exhibits

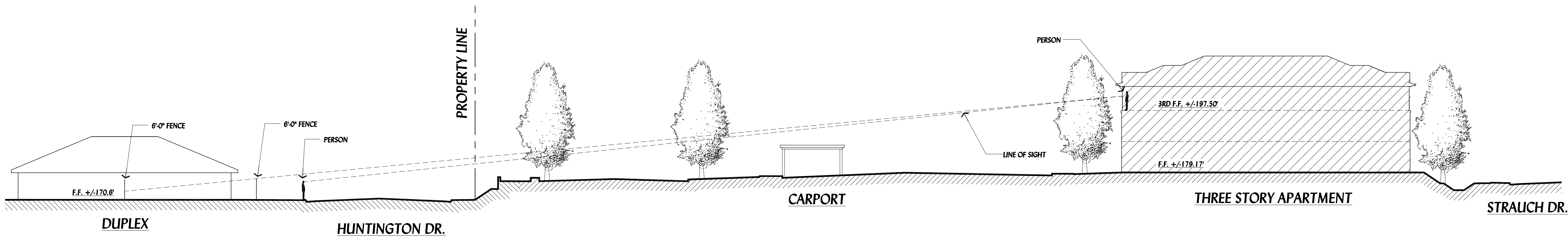
- A. Initial Study and Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program
- B. General Plan Amendment
- C. Rezone
- D. Site Plan
- E. Circulation Plan
- F. Grading Plan
- G. Utility Plan
- H. Landscape Plan
- I. Photometric Plan
- J. Elevations
- K. Floorplans
- L. Lot Line Adjustment/Property Transfer Exhibit

NOTE: Attachment 1 and Exhibits A through C are not included in this copy of the Planning Commission staff report (CC Attachment 1), because those attachments and exhibits are already included as exhibits to the Council Communication. Also note that Exhibit D and E reflect the approval action conditioning the location of the two- and three-story blocks.

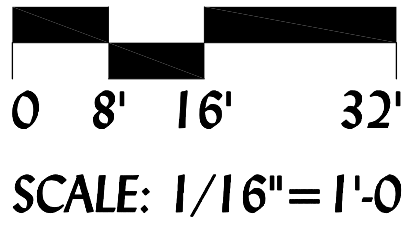
<u>Note to Applicant and/or Developer:</u> Please contact the Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.
--



SITE PROFILE SECTION 2



SITE PROFILE SECTION 1



January 2 , 2018

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

SITE SECTIONS P12

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SHEET INDEX

ARCHITECTURAL

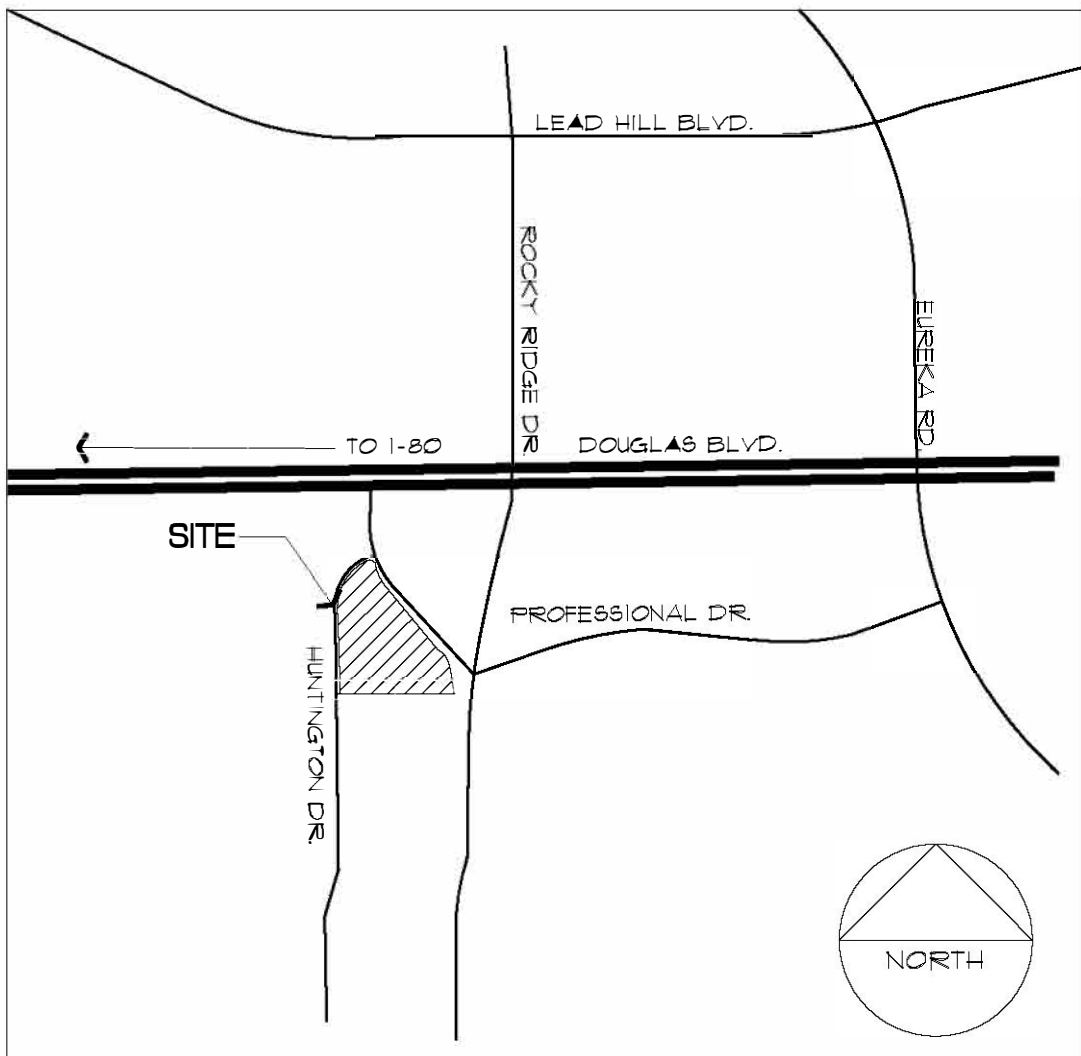
- P1 PROPOSED SITE PLAN
P1B PROPOSED SITE CIRCULATION
I of I REZONE MAP
I of I GENERAL PLAN AMENDMENT
P2 TYPICAL APARTMENT UNITS
P3 COMMUNITY CLUBHOUSE
P4 ONE STORY ELEVATIONS
P4B ONE STORY PLAN EAST
P4C ONE STORY PLAN WEST
P5 TWO STORY ELEVATIONS
P5B TWO STORY PLAN
P6 THREE STORY ELEVATIONS
P6B THREE STORY PLAN
P7 PROPOSED DETAILS
P8 COMMUNITY CLUBHOUSE COLOR
P9 ONE STORY ELEVATIONS COLOR
P10 TWO STORY ELEVATIONS COLOR
P11 THREE STORY ELEVATIONS COLOR

CIVIL

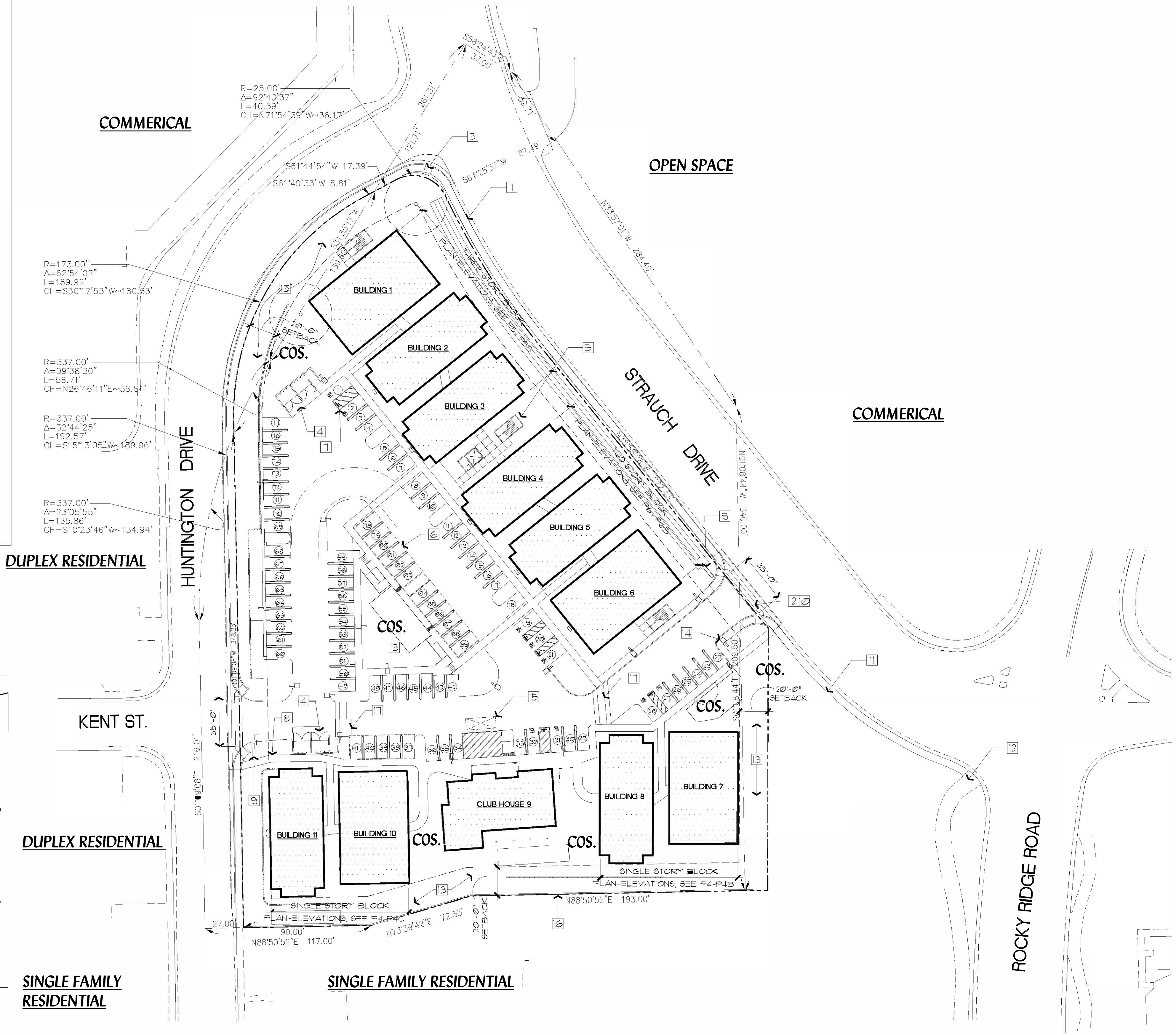
- I OF 2 PRELIMINARY GRADING PLAN
2 OF 2 PRELIMINARY UTILITY PLAN

LANDSCAPE

- I OF I PRELIMINARY LANDSCAPE
PLANTING PLAN



VICINITY MAP



APARTMENT UNIT MATRIX

APN. 048.260.030.000
LOT SIZE 3.2 AC. 139,392 SF
ZONING

48	ONE BEDROOM
28	TWO BEDROOMS
76	TOTAL

5 UNITS TO BE AFFORDABLE

PARKING

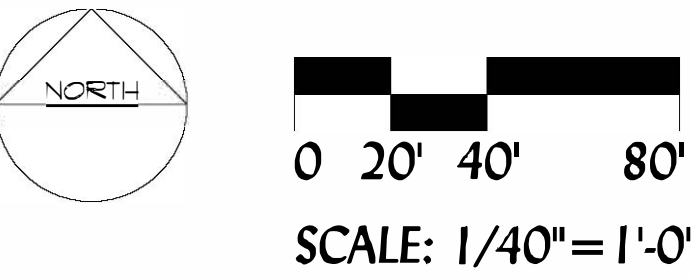
9	ACCESSIBLE
2	COMPACT
78	STANDARD

89	TOTAL
86	REQUIRED

COS. = COMMUNITY OPEN SPACE

KEYNOTES

- 1 SIDEWALK, CURB AND GUTTER TO CITY STANDARDS
- 2 DRIVEWAY TO CITY STANDARDS
- 3 CURB RAMP TO CITY STANDARDS
- 4 TRASH ENCLOSURES, CONCRETE MASONRY UNITS TYP.
- 5 ELEVATOR AND MACHINE ROOM
- 6 OUTLINE OF CARPORT ROOF, TYP.
- 7 ACCESSIBLE PARKING, TYP.
- 8 SIDEWALK CONNECTION TO CITY RIGHT OF WAY, TYP.
- 9 MONUMENT SIGN
- 10 RIGHT IN, RIGHT OUT ONLY
- 11 PROPOSED SIDEWALK
- 12 (E) PEDESTRIAN PATH
- 13 LANDSCAPE AREAS, REFER TO LANDSCAPE PLANS
- 14 AREA POST LIGHT, LED FULL CUTOFF W/ HOUSE SIDE SHIELD 15' HIGH ON ROUND POLE, TYP.
- 15 PARATRANSIT STOP
- 16 6'-0" CONCRETE MASONRY FENCE ALONG PERIMETER OF PROPERTY ADJACENT TO RESIDENTIAL/ SINGLE FAMILY? SEE SECTION DETAIL ON P4B
- 17 SPEED TABLE



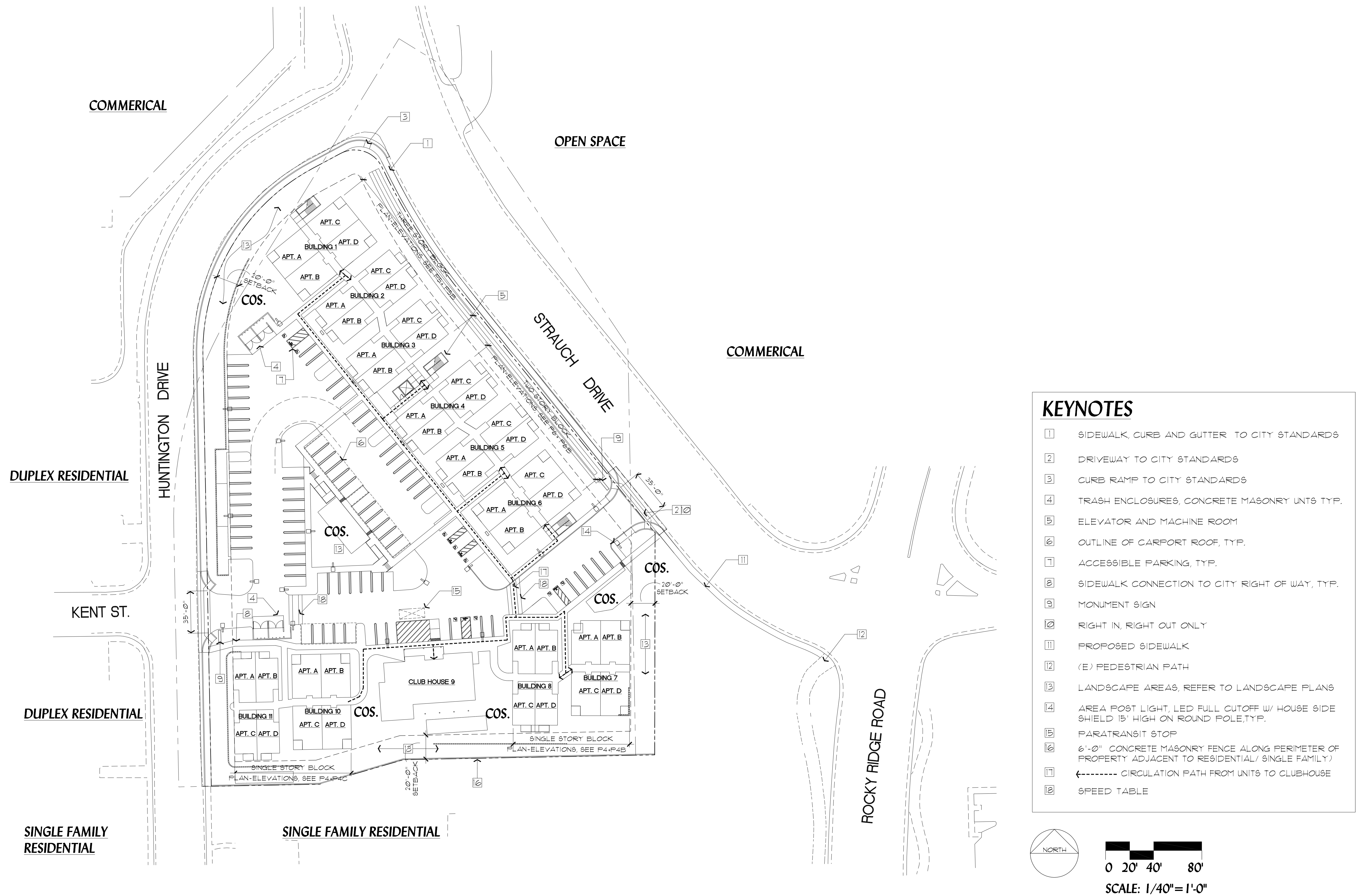
HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

PROPOSED SITE PLAN **P1**

August 7, 2017
REVISED May 15, 2018
REVISED October 2, 2018

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HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

PROPOSED SITE CIRCULATION **PIB**

August 7, 2017
REVISED May 15, 2018
REVISED October 2, 2018

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TJM PLAZA GRP2 LLC
048-340-034

WILLIAM R & JUDY GILLESPIE
048-420-016

CITY OF ROSEVILLE
048-260-032

CITY OF ROSEVILLE
048-260-031

ELLIPTIC LLC
048-420-018

BUD & SANDRA L LUSE
048-340-015

HAROLD J PERREIRA
048-340-014

NIDIA BONE
048-241-017

MEDURI
048-244-001

LINDA A ISHAM
048-244-002

GUILLERMINA GARCIA
048-244-003

JOHN W &
SANDRA R HELMS
048-244-004



PC Exhibit F

SECTION A

SECTION B

SECTION C

SECTION D

SECTION E

EARTHWORK QUANTITIES:

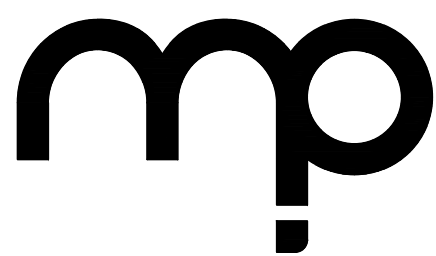
RAW CUT: 30,920 CY
RAW FILL: 3,625 CY
NET BALANCE (EXPORT): 27,295 CY

Dwg X:\01016\040400\ROSEVILLE SR APTS\DWG\PLAN\WORKING\010044-P1-PRD1 - BIORETENTION.DWG | 3xwv:11-27-2014 9:59am - SHEL

NO.	DESCRIPTION	APPD. ENGR.	DATE	APPD. E.U.	DATE

SCALE:
HORIZ. 1" = 30'
VERT. 1" = N/A

COMPUTED	
DESIGNED	SMM
DRAWN	SMM
PROJ. ENGR.	JDT

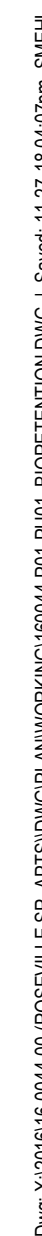


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75 Iron Point Road, suite #120
Folsom, CA 95630
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survey email: staking@mpengr.com • web: www.mpengr.com

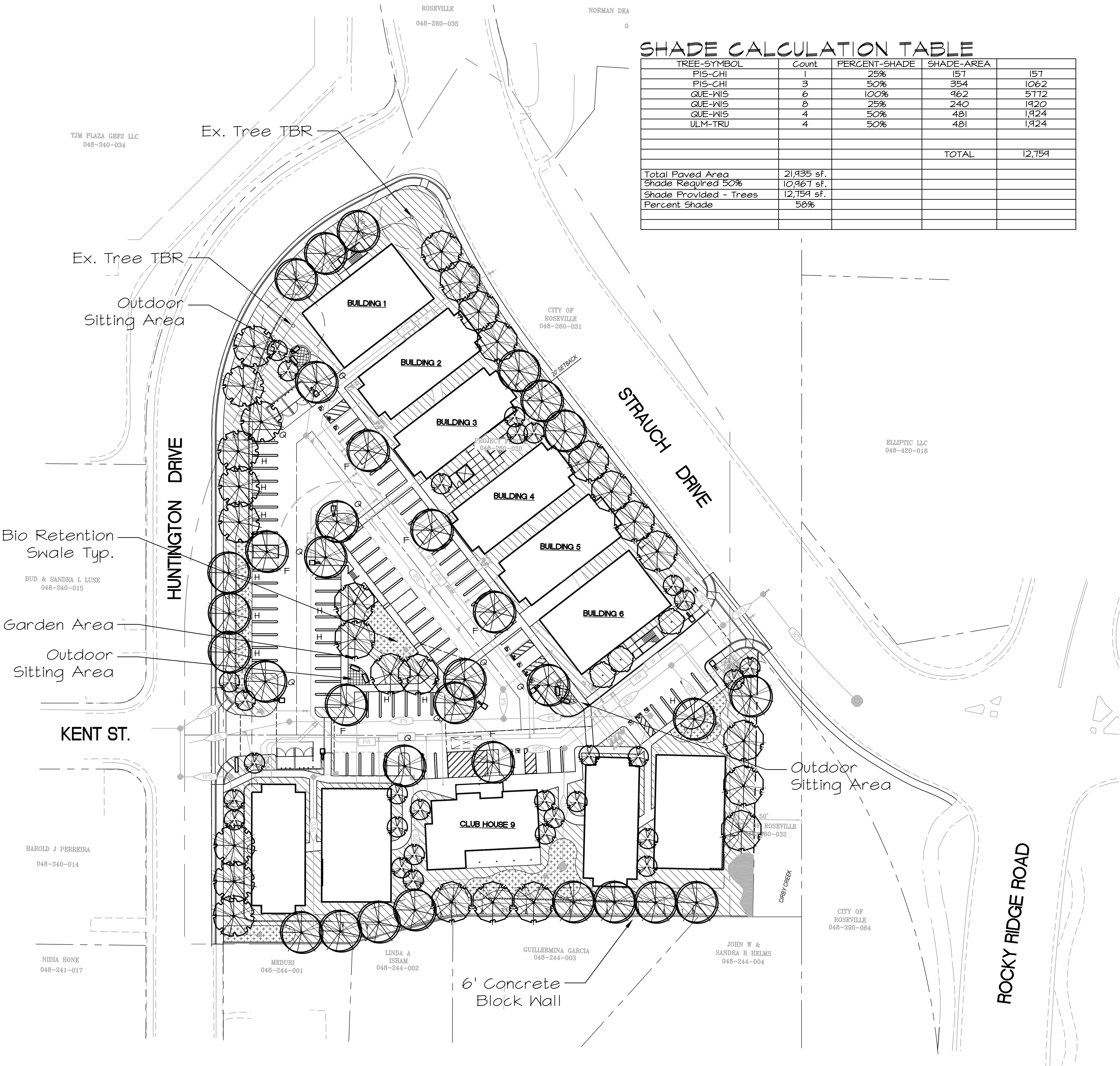
GENERAL DEVELOPMENT PLAN
ROSEVILLE SENIOR APARTMENTS
PRELIMINARY GRADING PLAN
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

DATE
NOV 27, 2018
SHEET
1
OF
2

NOT FOR CONSTRUCTION



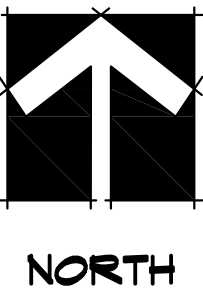
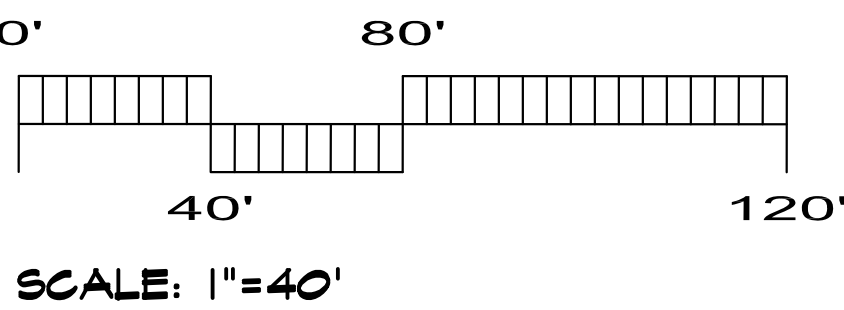
JOB NO. 16-0044-00



SHADE CALCULATION TABLE				
TREE-SYMBOL	Count	PERCENT-SHADE	SHADE-AREA	
PIS-CHI	1	25%	157	157
PIS-CHI	3	50%	354	1062
QUE-WIS	6	100%	462	5772
QUE-WIS	6	25%	240	1920
QUE-WIS	4	50%	481	1924
ULM-TRU	4	50%	481	1924
			TOTAL	12,754
Total Paved Area	21,935 sf.			
Shade Required 50%	10,967 sf.			
Shade Provided - Trees	12,754 sf.			
Percent Shade	58%			

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME / COMMON NAME	SIZE	H X W	Very Low	Low	Medium	High	
	PIS CHI	Pistacia chinensis / Chinese Pistache	15 gal	60'x35'		X			
	PRU VES	Prunus cerasifera 'Krauter Vesuvius' / Purple Leaf Plum	15 gal	15'x15'				X	
	PRU CHA	Pyrus calleryana 'Chanticleer' / Chanticleer Pear	15 gal	40'x15'				X	
	QUE WIS	Quercus wislizenii / Interior Live Oak	15 gal	60'x35'	X				
	ULM TRU	Ulmus parvifolia 'True Green' / True Green Elm	15 gal	60'x35'			X		
SHRUBS	CODE	BOTANICAL NAME / COMMON NAME	SIZE	H X W	Very Low	Low	Medium	High	
	ARC HOW	Arctostaphylos densiflora 'Howard McMinn' / Howard McMinn Manzanita	5 gal	6'x6'		X	X		
	BUD DAV	Buddleja davidii / Summer Lilac	5 gal	6'x6'				X	
	CAL ARU	Calamagrostis arundinacea 'Karl Foerster' / Foerster's Feather Grass	5 gal	4'x3'				X	
	CAL LIT	Callistemon citrinus 'Little John' / Dwarf Bottle Brush	5 gal	6'x4'		X			
	CIS PUR	Cistus x purpureus / Orchid Rockrose	5 gal	4'x5'		X			
	DIE IRI	Diets iridioides / Fortnight Lily	5 gal	3'x3'		X			
	KNI UVA	Kniphofia uvaria / Red Hot Poker	1 gal	2'x3'		X			
	LAV TRE	Lavatera maritima / Tree mallow	5 gal	6'x6'		X			
	MUH CAP	Muhlenbergia capillaris / Pink Muhly	5 gal	4'x4'		X			
	MYR COM	Myrtus communis / Myrtle	5 gal	5'x5'		X			
	NAN HAR	Nandina domestica 'Harbour Dwarf' / Dwarf Heavenly Bamboo	5 gal	2'x2'		X			
	PER ATR	Perovskia atriplicifolia / Russian Sage	1 gal	2'x4'		X			
	PHO ATR	Phormium tenax 'Atropurpureum' / Purple New Zealand Flax	5 gal	6'x6'		X			
	PHO BRO	Phormium tenax 'Bronze Baby' / Bronze Baby New Zealand Flax	1 gal	3'x3'		X			
	ROS OFF	Rosmarinus officinalis 'Collingwood Ingram' / Rosemary	5 gal	2'x4'		X			
	SAL SAL	Salvia greggii 'Furmans Red' / Furman's Red Salvia	1 gal	3'x3'		X			
GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	SIZE	H X W	SPACING	Very Low	Low	Medium	High
	ACA LOW	Acacia redolens 'Lowboy' / Bank Catclaw	1 gal	2'x8'	72" o.c.		X		
	BAC PIL	Baccharis pilularis / Dwarf Coyote Brush	1 gal	1.5'x4'	30" o.c.		X		
	CIS PRO	Cistus salviifolius 'Prostratus' / Sageleaf Rockrose	1 gal	2'x6'	48" o.c.		X		
	CON MAU	Convolvulus mauritanicus / Morning Glory	1 gal	1'x3'	36" o.c.		X		
	COT BEA	Cotoneaster dammeri 'Coral Beauty' / Bearberry Cotoneaster	1 gal	5'x8'	48" o.c.		X		
	ROS COL	Rosmarinus officinalis 'Collingwood Ingram' / Rosemary	1 gal	2'x4'	12" o.c.		X		
	TUR SOD	Turf Sod / To Match Existing	sod						X
	TUR MOW	Turf Sod Mow Free Fescue Blend / Drought Tolerant Fescue Blend	sod					X	
	VIN MIN	Vinca minor / Common Periwinkle	1 gal	5'x2'	24" o.c.			X	





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FAX (530) 885-0042

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

PRELIMINARY LANDSCAPE PLAN

craig MIERS

george SCOTT

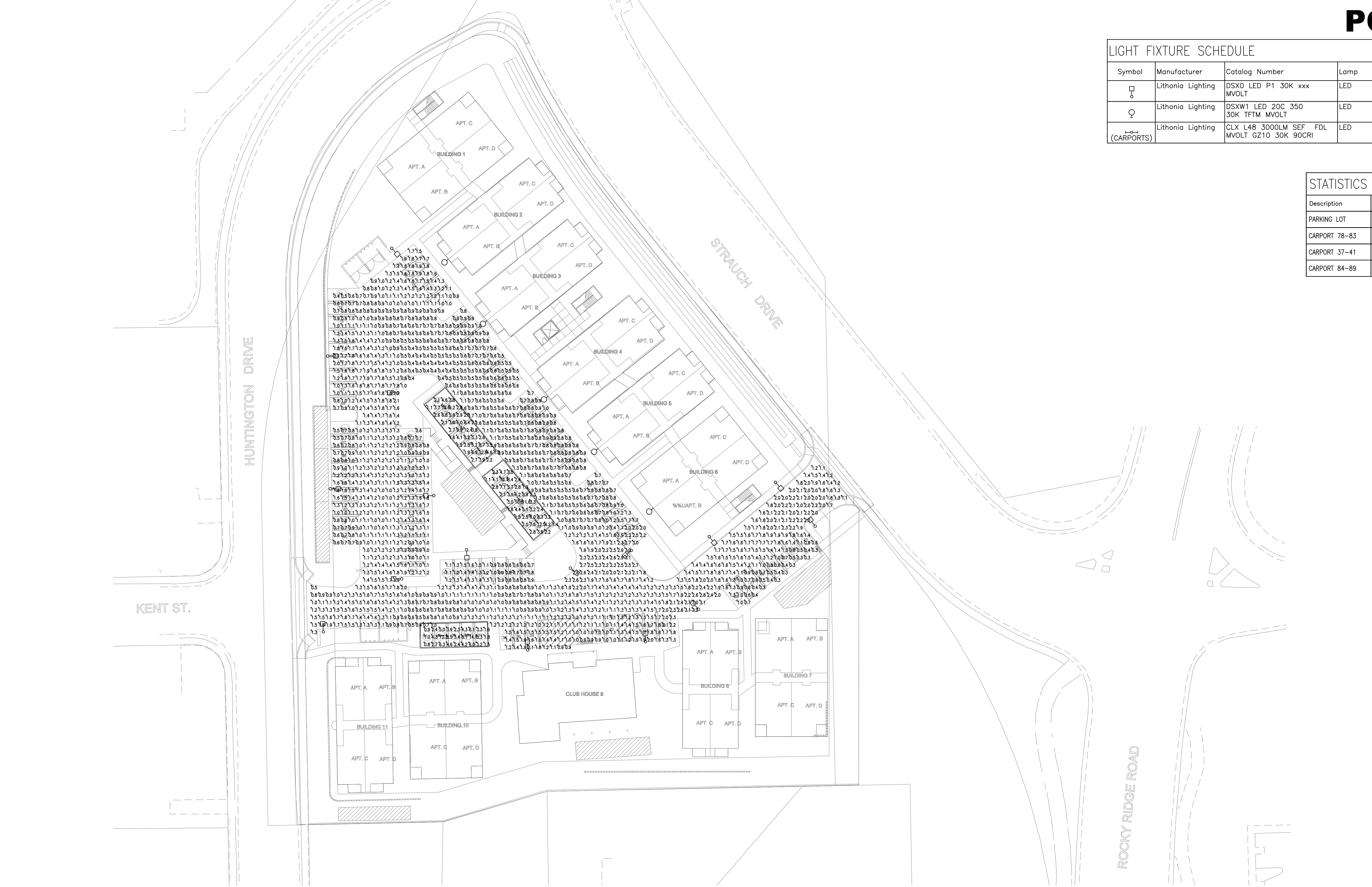
ARCHITECTS llp

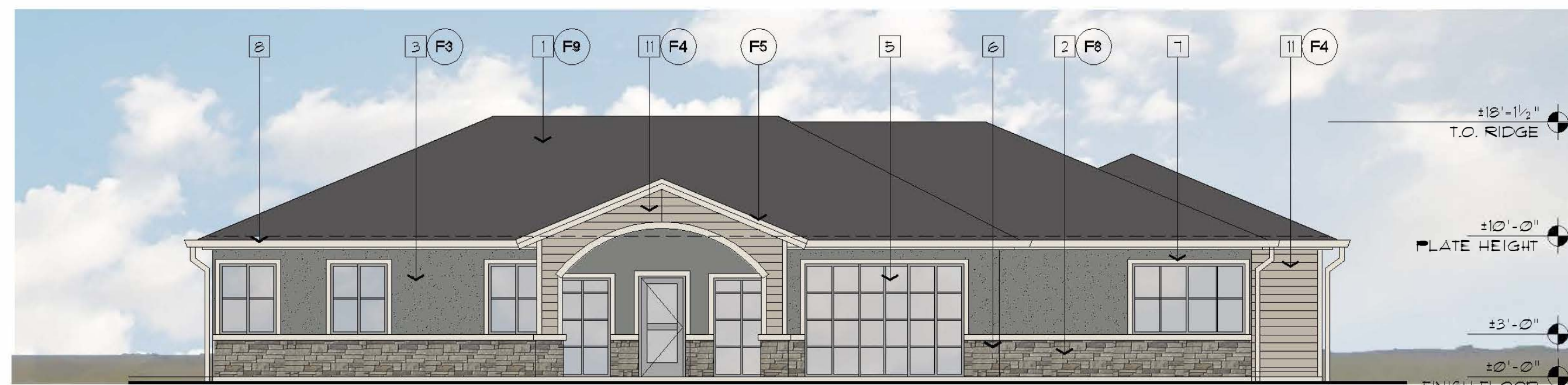
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April 9, 2018

LIGHT FIXTURE SCHEDULE					
Symbol	Manufacturer	Catalog Number	Lamp	Lumens Per Lamp	Wattage
	Lithonia Lighting	DSX0 LED P1 30K xxx MVOLT	LED	4248	38
	Lithonia Lighting	DSXW1 LED 20C 350 30K TFTM MVOLT	LED	1771	23.3
	Lithonia Lighting	CLX L48 3000LM SEF FDL MVOLT GZ10 30K 90CRI	LED	2320	20.32

STATISTICS					
Description	Symbol	Avg	Max	Min	Avg/Min
PARKING LOT	+	1.2 fc	3.2 fc	0.3 fc	4.0:1
CARPORT 78-83	+	4.6 fc	12.8 fc	1.1 fc	4.2:1
CARPORT 37-41	+	4.5 fc	14.1 fc	0.8 fc	5.6:1
CARPORT 84-89	+	4.6 fc	13.1 fc	1.1 fc	4.2:1





NORTH ELEVATION

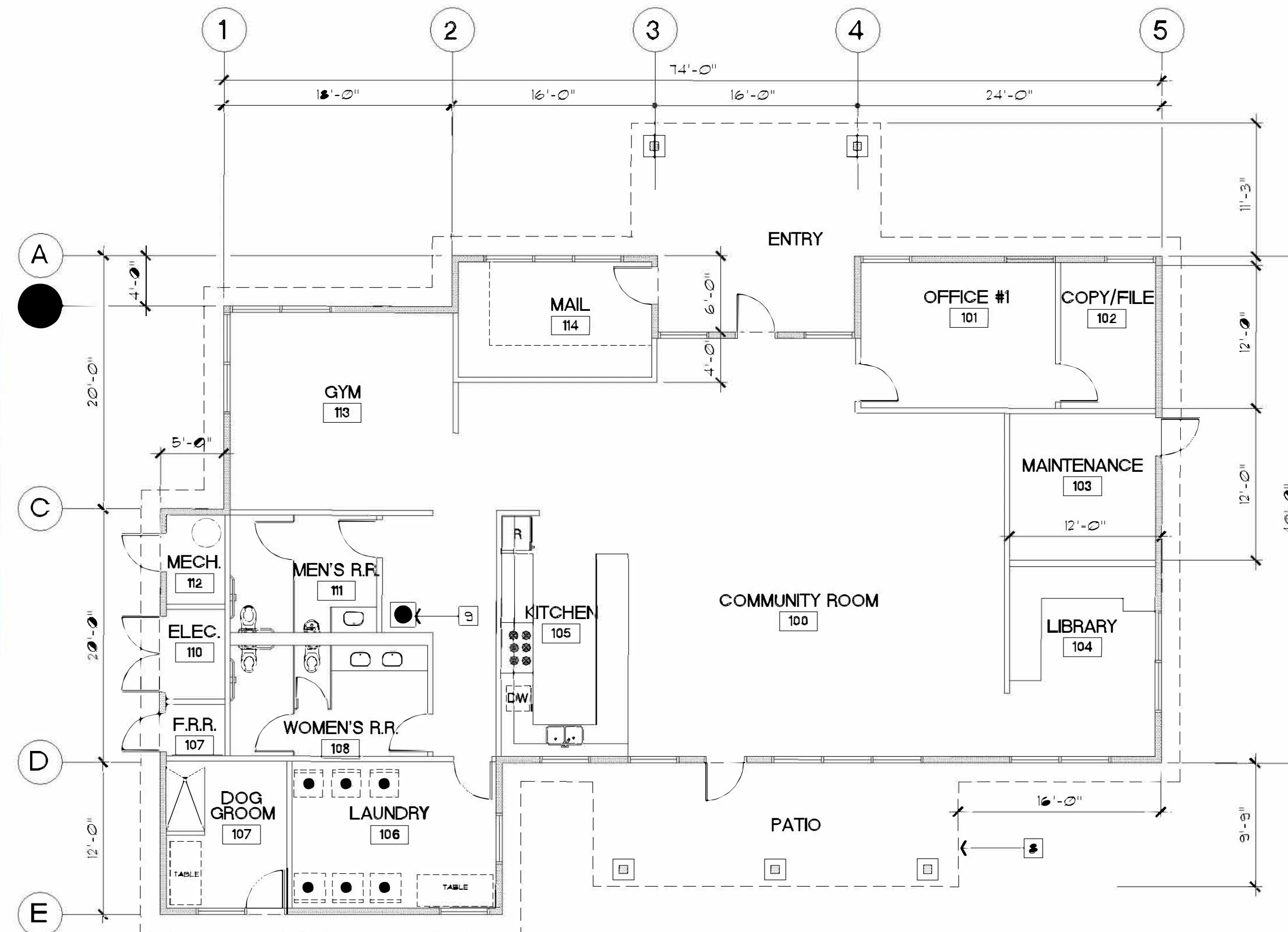
KEYNOTES

- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
- 3 PLASTER SYSTEM
- 4 WOOD TRUSS
- 5 DOOR
- 6 STONE COLUMN BASE
- 7 WINDOW
- 8 METAL GUTTER
- 9 WATER STATION (BOTTLE FILLER)
- 10 ROOF ABOVE
- 11 WOOD LAP SIDING
- 12 WINDOW TRIM

PC Exhibit J

FINISH SCHEDULE Pg 1 of 4

- PLASTER MAIN BODY COLOR MESA TAN' SW 1605
 - PLASTER MAIN BODY COLOR HONEY SOAP STONE' SW 9126
 - PLASTER MAIN BODY COLOR CITYSCAPE' SW 1061
 - WOOD SIDING ANALYTICAL GRAY' SW 1051
 - TRIM ACCENTS 'SHOU WHITE' SW 1042
 - METAL WORK 'SEALSKIN' SW 1615
 - DOORS 'DARK NIGHT' SW 6231
 - STONE VENEER CULTURED STONE 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - ROOFING 'CERTANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS



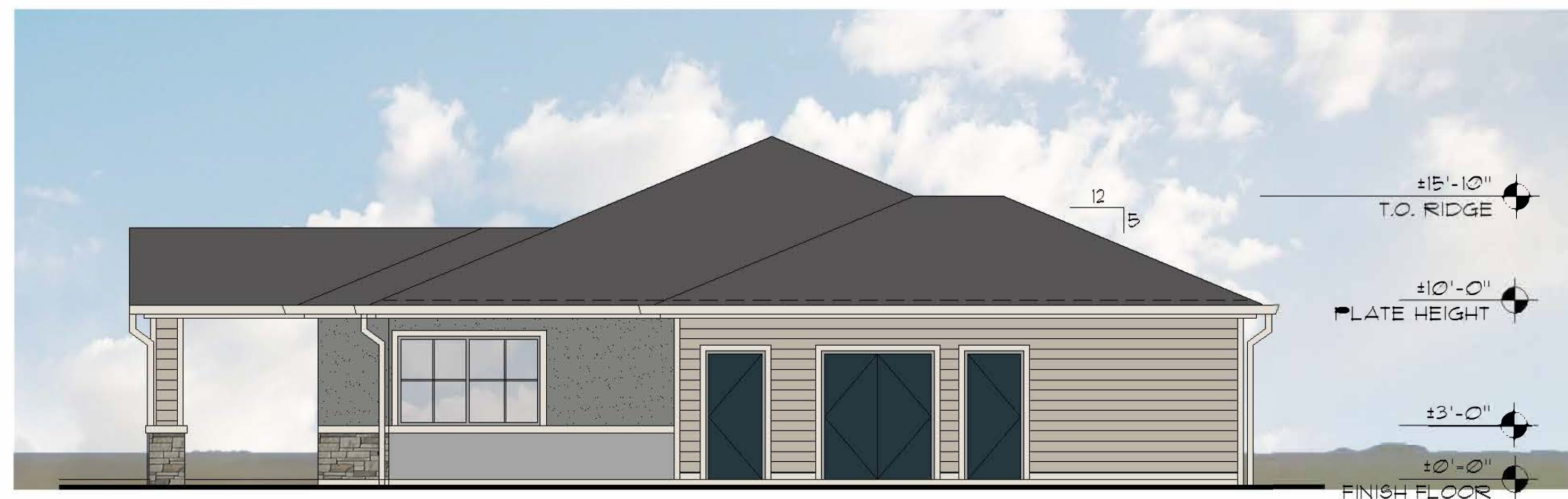
PLAN- 3,248 SF



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

August 7, 2017
REVISED May 15, 2018

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P8

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

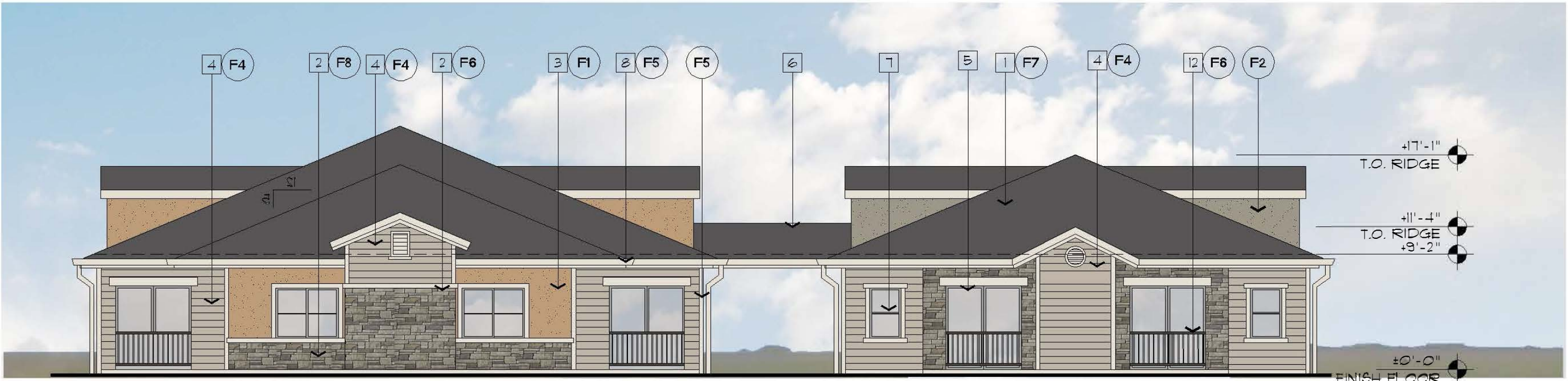
COMMUNITY CLUBHOUSE

KEYNOTES

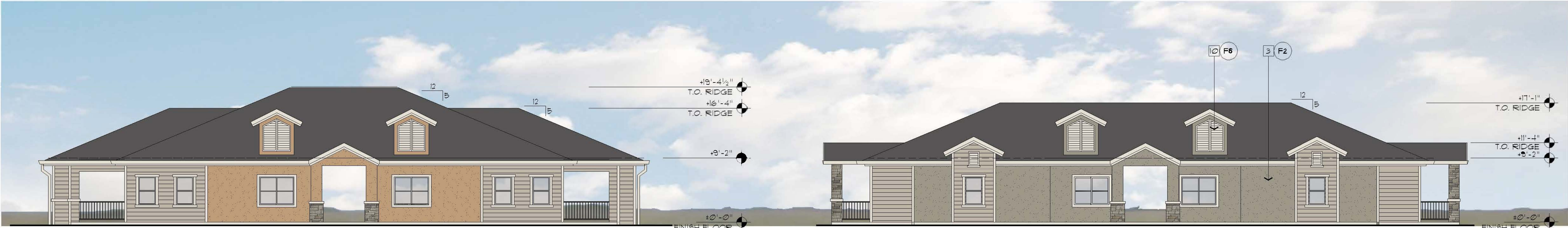
- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
- 3 PLASTER SYSTEM
- 4 WOOD LAP SIDING
- 5 SLIDING DOOR
- 6 BREEZE WAY BETWEEN UNITS
- 7 WINDOW
- 8 METAL GUTTER
- 9 CLERESTORY ROOF ELEMENT
- 10 LOUVERS
- 11 WINDOW TRIM
- 12 METAL RAILING

FINISH SCHEDULE

- PLASTER MAIN BODY COLOR 'MESA TAN' SW 7035
 - PLASTER MAIN BODY COLOR 'HONED SOAP STONE' SW 6126
 - PLASTER MAIN BODY COLOR 'CITYSCAPE' SW 7067
 - WOOD SIDING 'ANALYTICAL GRAY' SW 7051
 - TRIM ACCENTS 'SHOUJI WHITE' SW 7042
 - METAL WORK 'SEALSKIN' SW 7015
 - DOORS 'DARK NIGHT' SW 6237
 - STONE VENEER CULTURED STONE 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - ROOFING 'CERTANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS



NORTH ELEVATION



EAST ELEVATION

WEST ELEVATION



SOUTH ELEVATION

0 4' 8' 16'
SCALE: 1/8"=1'-0"

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

ONE STORY ELEVATIONS P9

August 7, 2017
REVISED May 15, 2018

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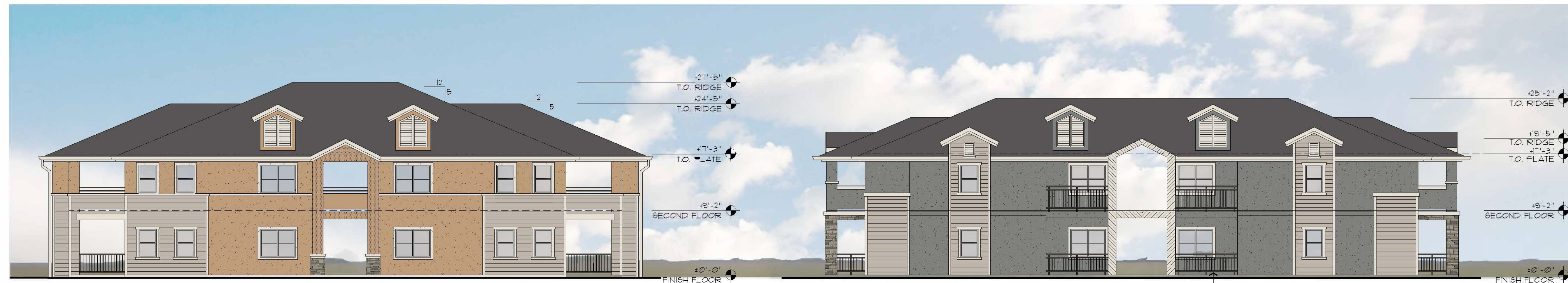
PC Exhibit J KEYNOTES

Pg 3 of 4

- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
- 3 PLASTER SYSTEM
- 4 WOOD LAP SIDING
- 5 SLIDING DOOR
- 6 BREEZEWAY @ UNITS
- 7 WINDOW
- 8 METAL GUTTER/DOWNSPOUT
- 9 BRIDGE BETWEEN UNITS
- 10 BALCONY RAIL
- 11 METAL RAILING
- 12 CLEAREST ROOF ELEMENT
- 13 LOUVERS
- 14 WINDOW TRIM



WEST ELEVATION



NORTH ELEVATION

SOUTH ELEVATION



EAST ELEVATION

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

FINISH SCHEDULE

- PLASTER MAIN BODY COLOR MESA TAN' SW 1035
 - PLASTER MAIN BODY COLOR HONED SOAP STONE' SW 9126
 - PLASTER MAIN BODY COLOR CITY SCAPES' SW 1061
 - WOOD SIDING 'ANALYTICAL GRAY' SW 1051
 - TRIM ACCENTS 'SHOU! WHITE' SW 1042
 - METAL WORK 'SEALSKIN' SW 1615
 - DOORS 'DARK NIGHT' SW 6231
 - STONE VENEER 'SOUTHERN LEDGESTONE' COLOR VARIETY 'ECHO RIDGE'
 - ROOFING 'CERTIANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

August 7, 2017
REVISED May 15, 2018

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TWO STORY ELEVATION **P10**

KEYNOTES

- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
- 3 PLASTER SYSTEM
- 4 WOOD LAP SIDING
- 5 SLIDING DOOR
- 6 BREEZEWAY @ UNITS
- 7 WINDOW
- 8 METAL GUTTER/DOWNSPOUT
- 9 BRIDGE BETWEEN UNITS
- 10 BALCONY RAIL
- 11 METAL RAILING
- 12 CLERESTORY ROOF ELEMENT
- 13 LOUVERS
- 14 WINDOW TRIM

FINISH SCHEDULE

- PLASTER MAIN BODY COLOR 'MESA TAN' SW 1655
 - PLASTER MAIN BODY COLOR 'HONED SOAP STONE' SW 9026
 - PLASTER MAIN BODY COLOR 'CITYSCAPE' SW 1061
 - WOOD SIDING 'ANALYTICAL GRAY' SW 1051
 - TRIM ACCENTS 'SHOUJI WHITE' SW 1042
 - METAL WORK 'SEALSKIN' SW 1615
 - DOORS 'DARK NIGHT' SW 6231
 - STONE VENEER 'CULTURED STONE' 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - ROOFING 'CERTIANTEED' RESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS



WEST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

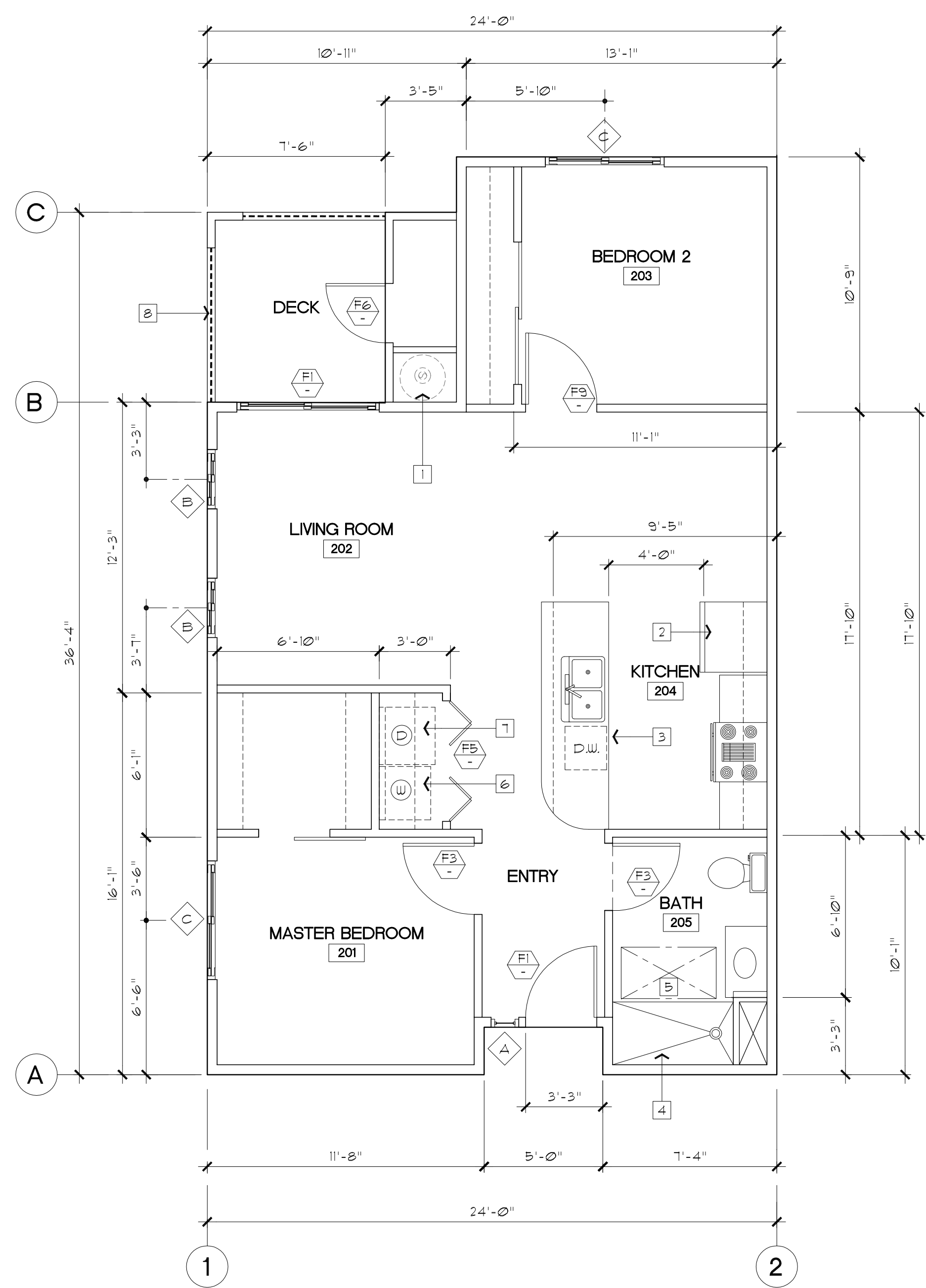
HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

THREE STORY ELEVATION

P11

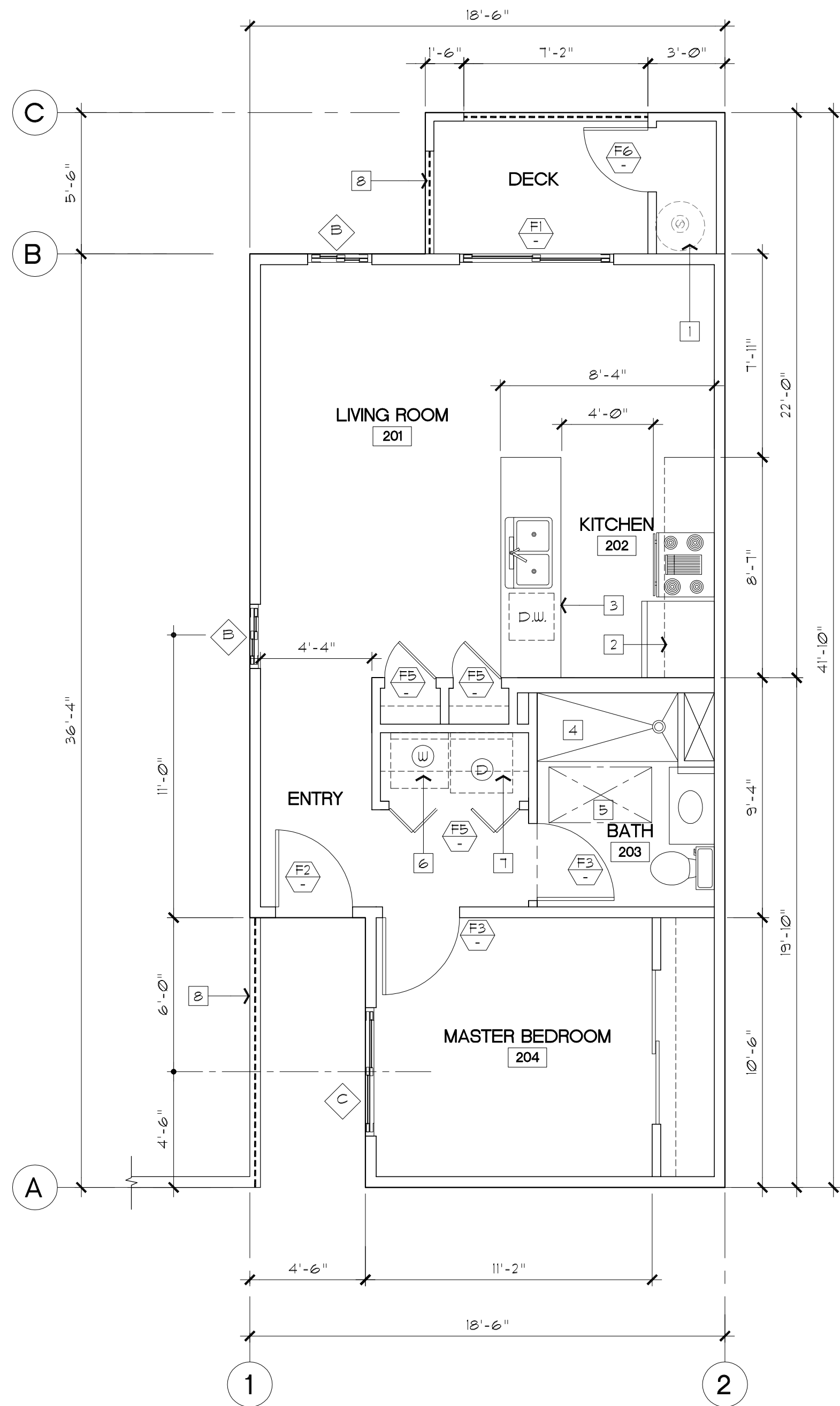
August 7, 2017
REVISED May 15, 2018

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916.360.2317 mobile
916.780.0105 fax
craig@cmierscottllp.com



KEYNOTES

- 1 WATER HEATER
- 2 REFRIGERATOR
- 3 DISHWASHER
- 4 SHOWER
- 5 ACCESSIBLE SPACE
- 6 WASHER (W)
- 7 DRYER (D)
- 8 RAILING @ 2ND FLOOR TYP.

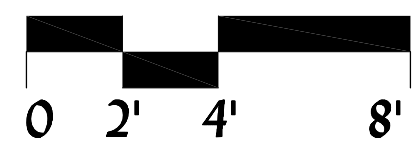


TYPICAL TWO BEDROOM UNIT

833 SF

TYPICAL ONE BEDROOM UNIT

689 SF



SCALE: 1/4" = 1'-0"

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

August 7, 2017
REVISED May 15, 2018
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TYPICAL APARTMENT UNITS P2

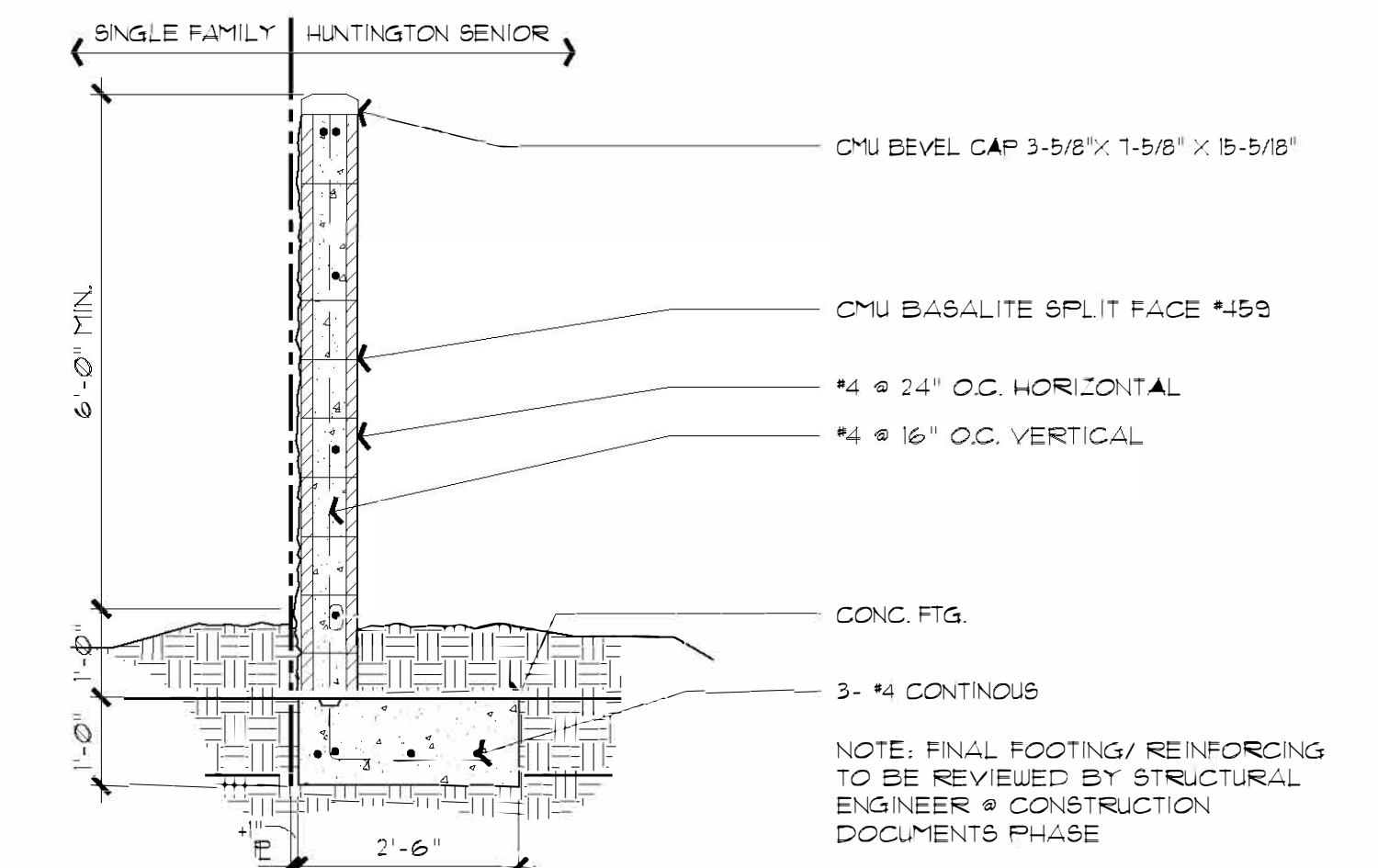
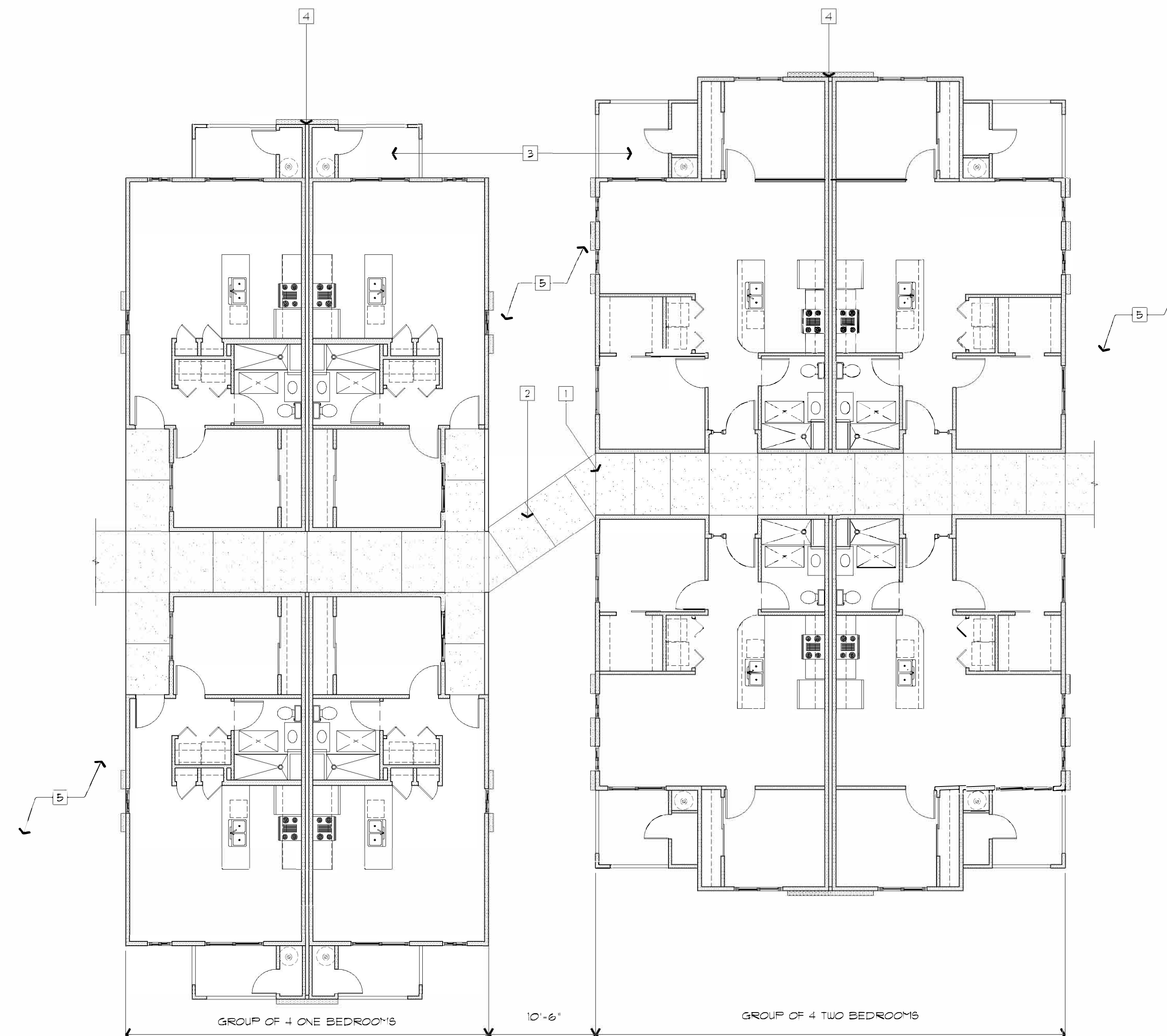
KEYNOTES

- 1 BREEZEWAY UNITS BETWEEN UNITS
- 2 CONCRETE SIDEWALK, TYP.
- 3 EXTERIOR DECK
- 4 ONE HOUR SEPERATION WALL
- 5 LANDSCAPING

PC Exhibit K

Pg 2 of 6

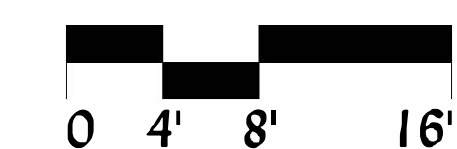
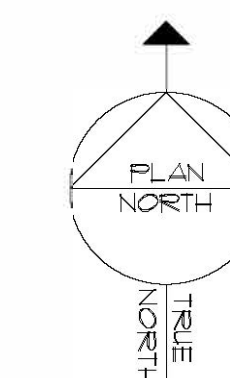
FOR INTERIOR OF UNITS NOTES, REFER TO P2



CMU WALL SECTION

1/2"

OVERALL ONE STORY PLAN- EAST



SCALE: 1/8" = 1'-0"

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

August 7, 2017
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REVISED October 2, 2018

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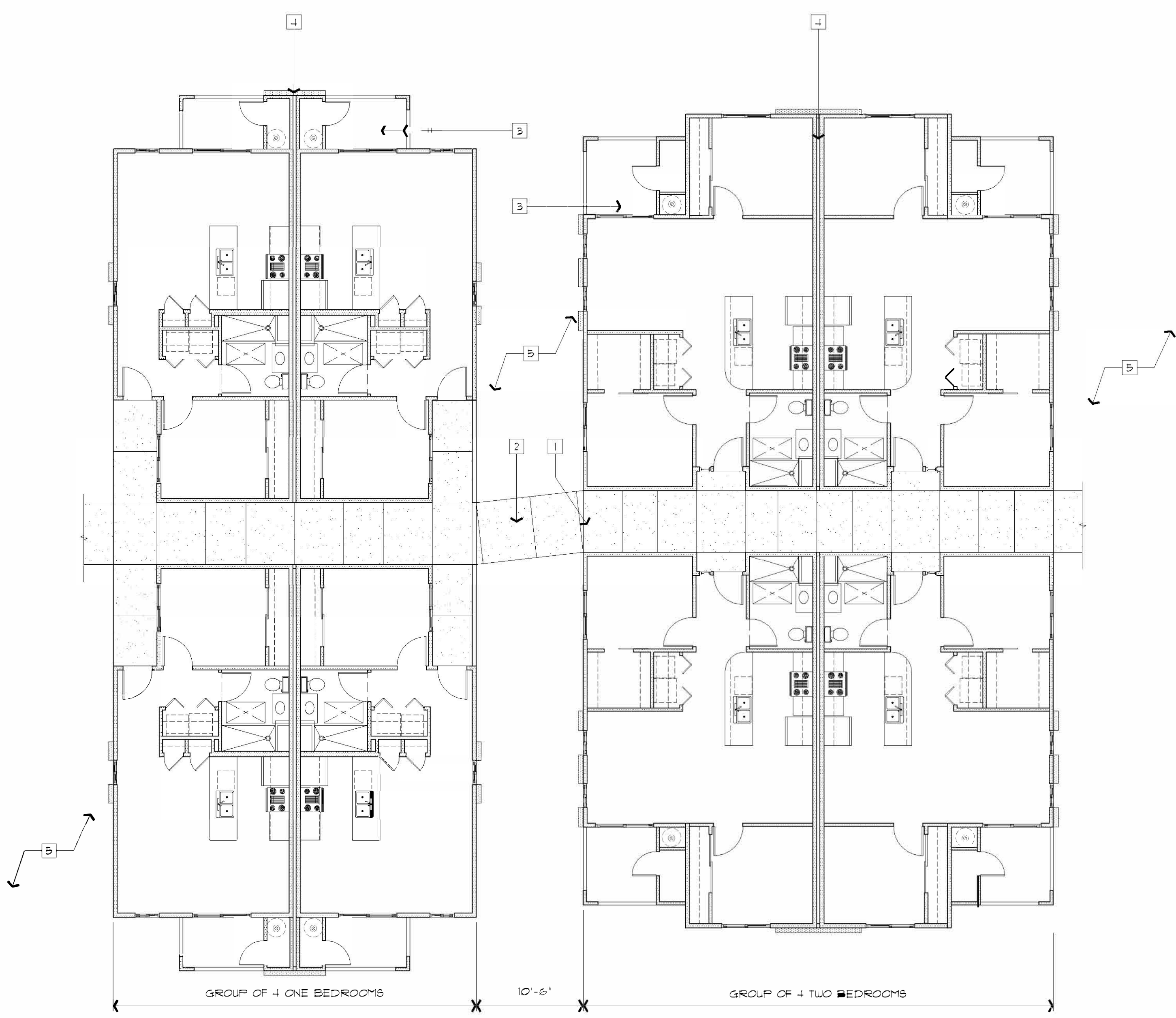
ONE STORY PLAN EAST **P4B**

KEYNOTES

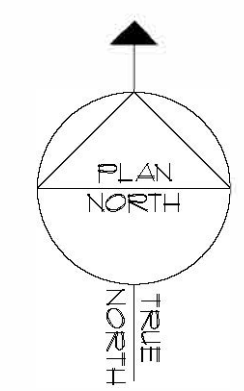
- 1 FREEWAY UNITS BETWEEN UNITS
- 2 CONCRETE SIDEWALK, TYP.
- 3 EXTERIOR DECK
- 4 ONE HOUR SEPERATION WALL
- 5 LANDSCAPING

PC Exhibit K
Pg 3 of 6

FOR INTERIOR OF UNITS NOTES, REFER TO P2



OVERALL ONE STORY PLAN - WEST



0 4' 8' 16'
SCALE: 1/8" = 1'-0"

HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

August 7, 2017
REVISED May 15, 2018
REVISED October 2, 2018

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ONE STORY PLAN WEST **P4C**

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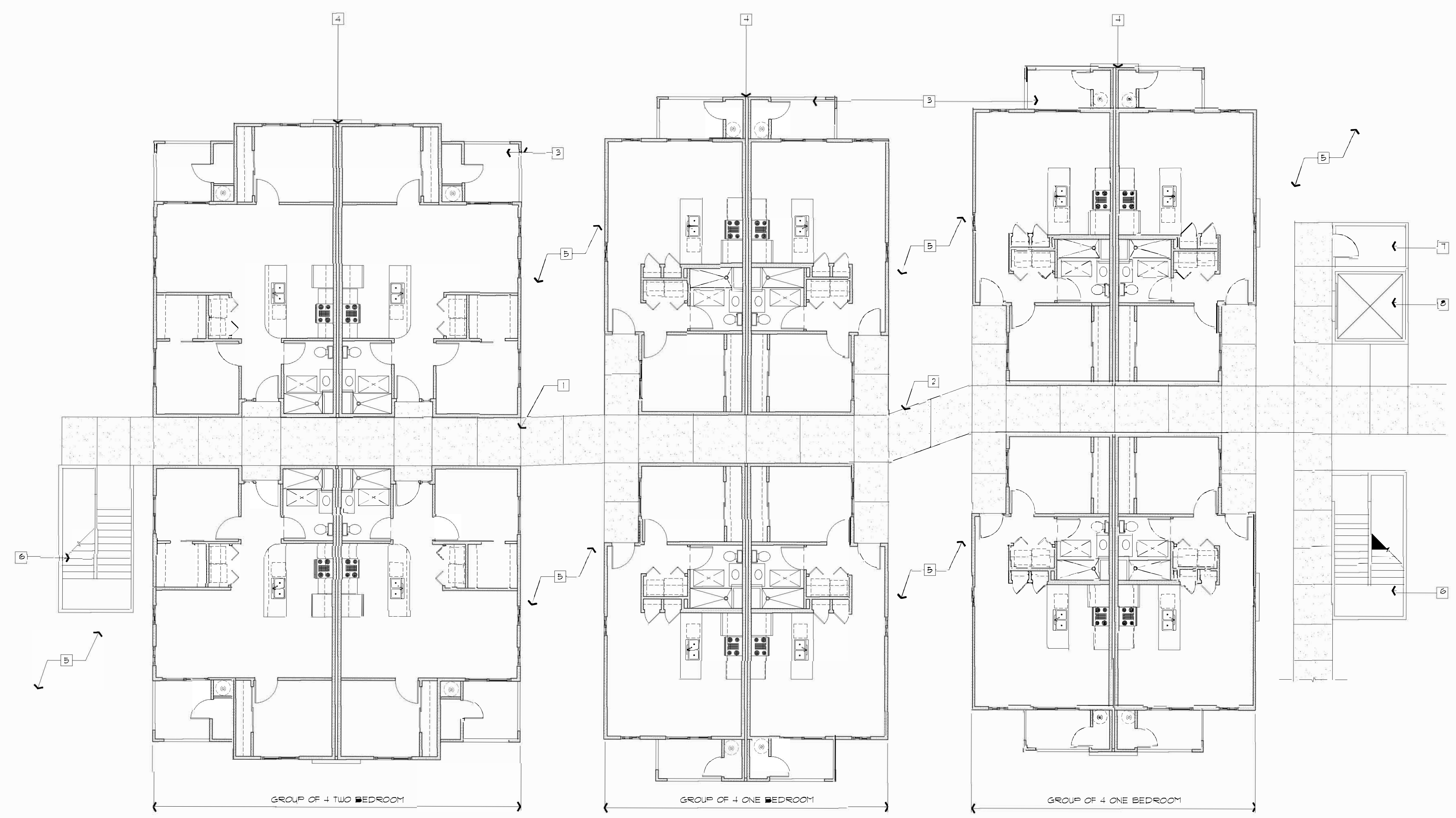
KEYNOTES

- 1 BREEZEWAY UNITS BETWEEN UNITS
- 2 CONCRETE SIDEWALK, TYP.
- 3 EXTERIOR DECK
- 4 ONE HOUR SEPERATION WALL
- 5 LANDSCAPING
- 6 STAIRS
- 7 ELEVATOR MACHINE ROOM
- 8 ELEVATOR

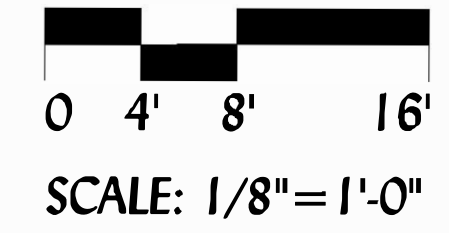
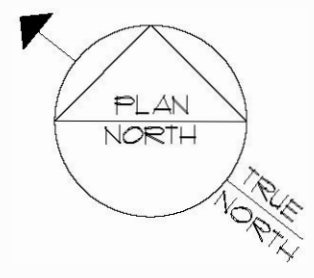
PC Exhibit K

Pg 4 of 6

FOR INTERIOR UNITS NOTES, REFER TO P2



OVERALL TWO STORY PLAN



HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

August 7, 2017
REVISED May 15, 2018
REVISED October 2, 2018

TWO STORY PLAN **P5B**

craig
MIERS

+

george
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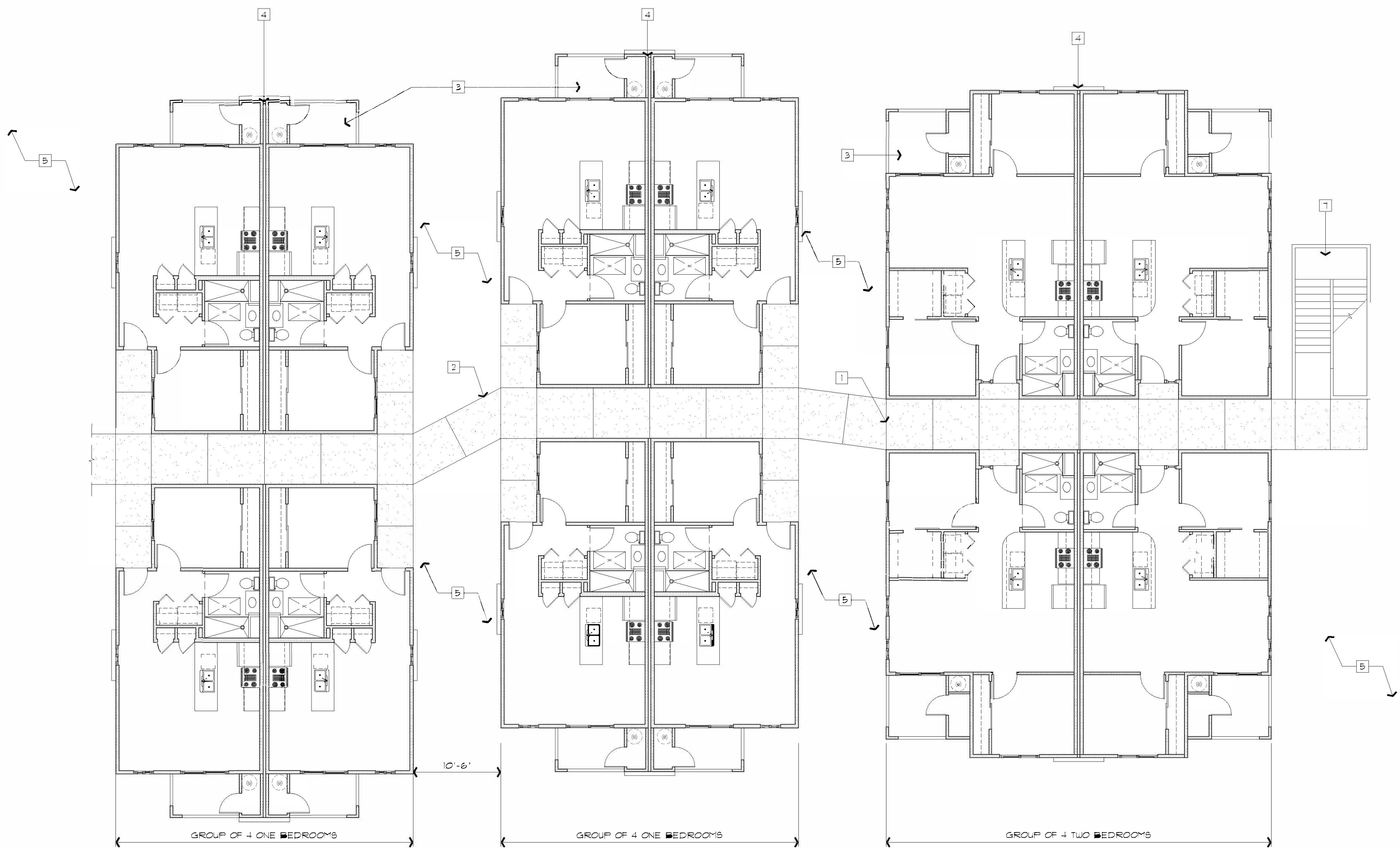
KEYNOTES

- 1 FREEWAY UNITS BETWEEN UNITS
- 2 CONCRETE SIDEWALK, TYP.
- 3 EXTERIOR DECK
- 4 ONE HOUR SEPERATION WALL
- 5 LANDSCAPING
- 7 STAIRS

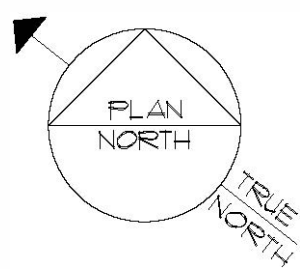
PC Exhibit K

Pg 5 of 6

FOR INTERIOR UNITS NOTES, REFER TO P2



OVERALL THREE STORY PLAN



SCALE: 1/8" = 1'-0"

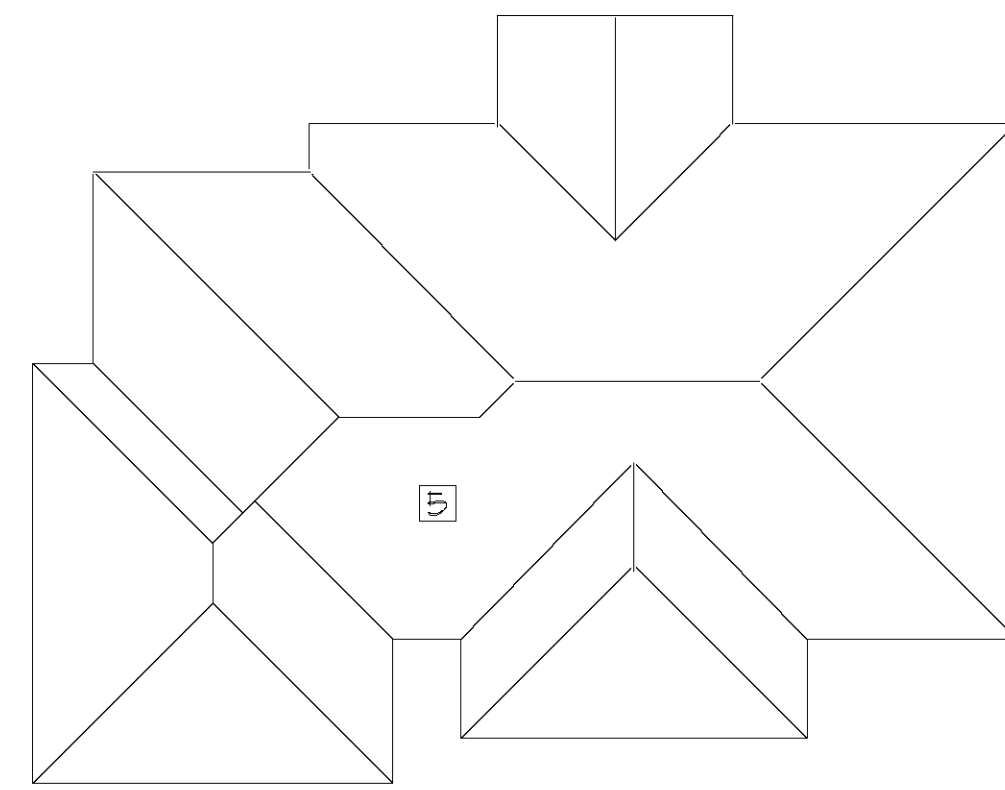
HUNTINGTON SENIOR APARTMENTS
for ICON ENTERPRISES - HUNTINGTON PLACE
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August 7, 2017
REVISED May 15, 2018
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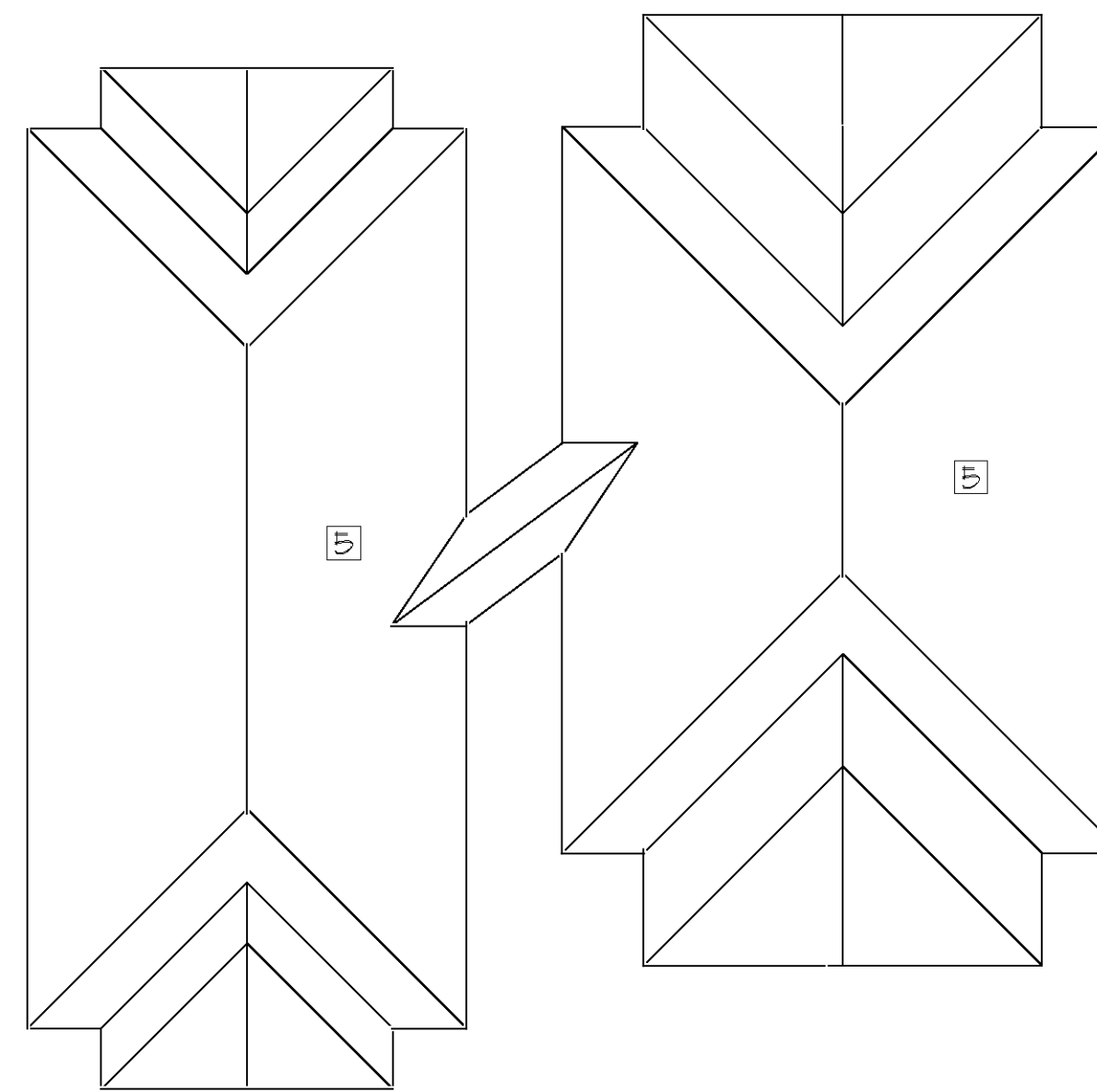
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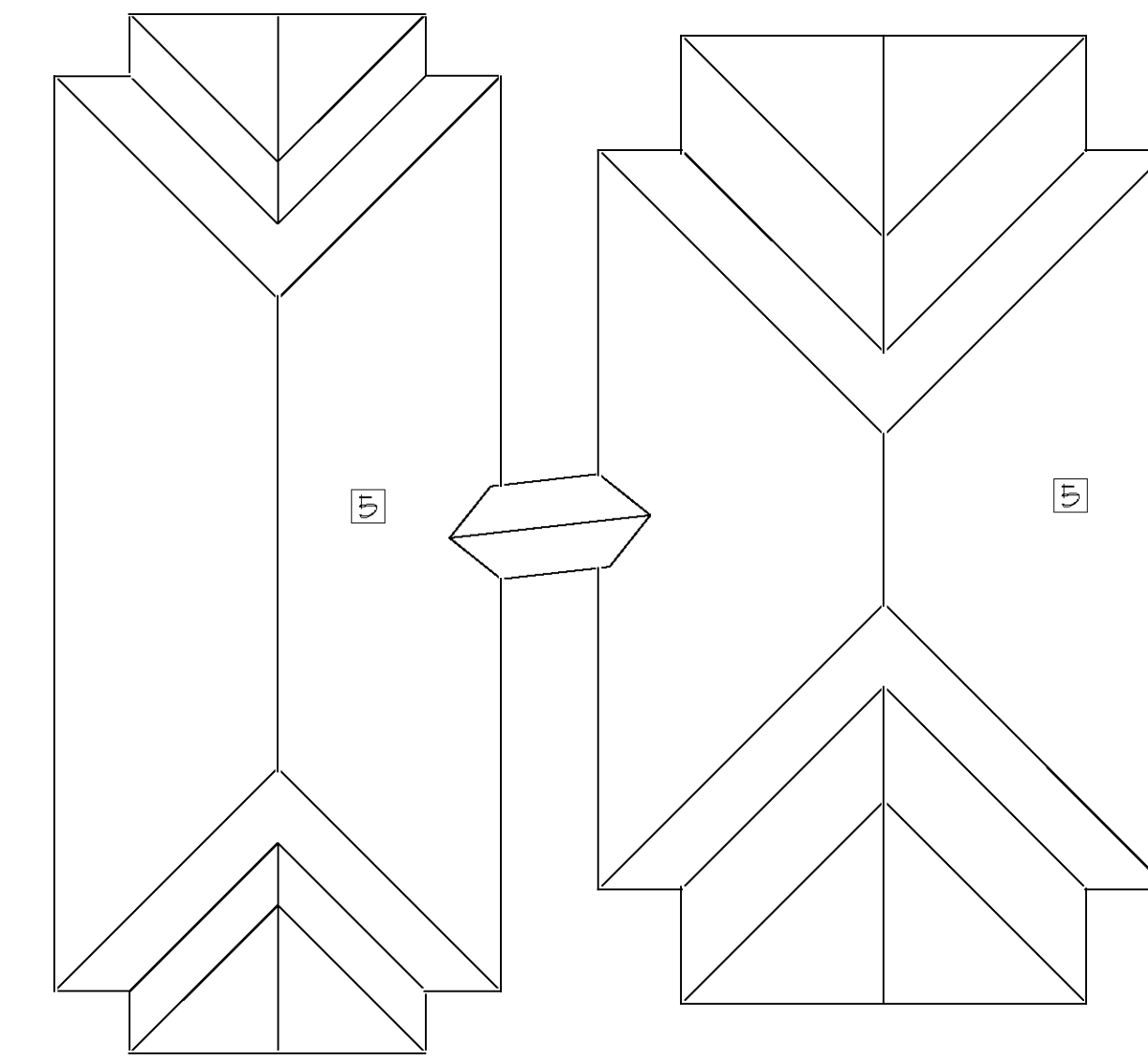
THREE STORY PLAN P6B



CLUBHOUSE ROOF PLAN



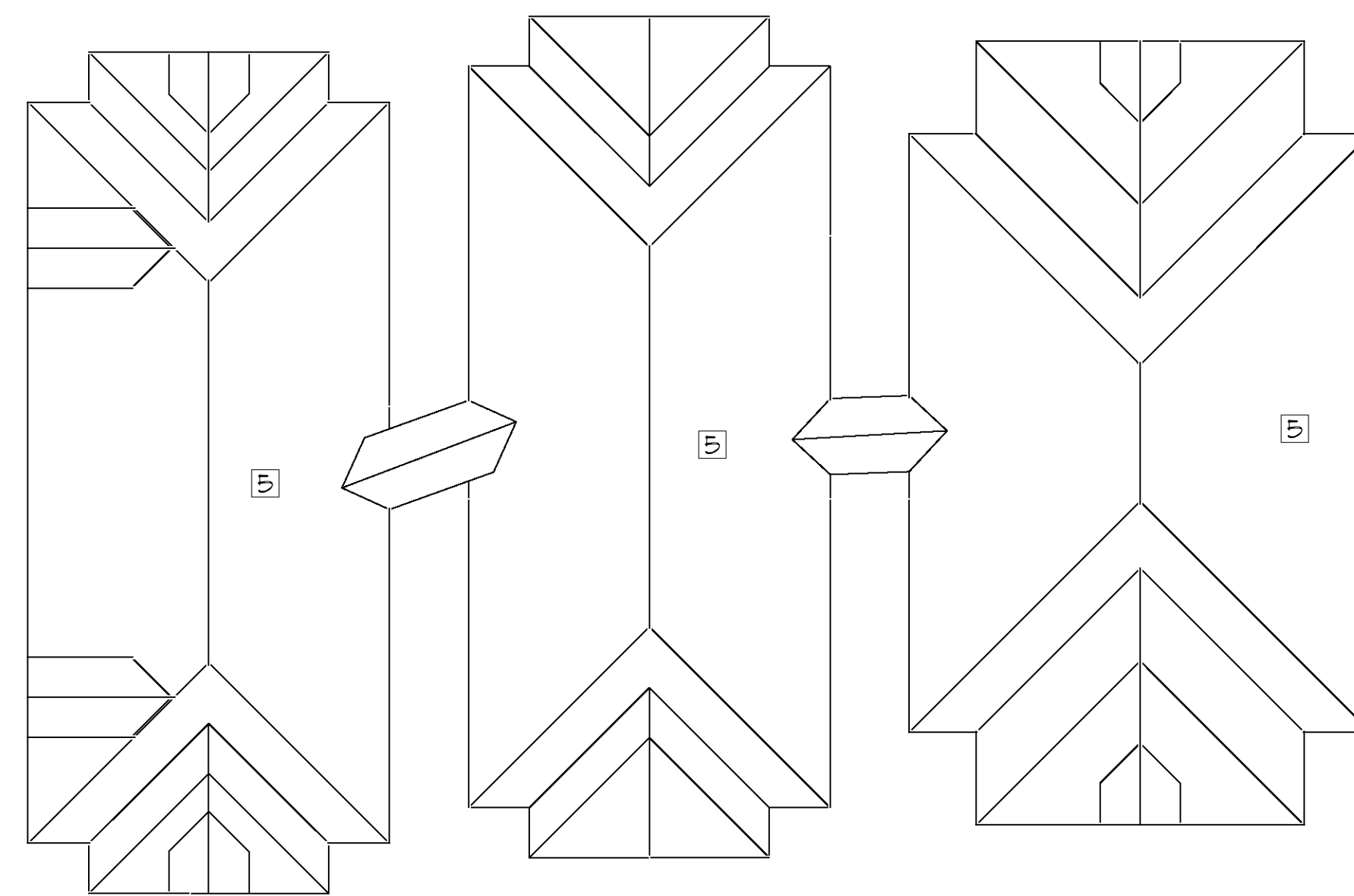
BUILDING D ROOF PLAN



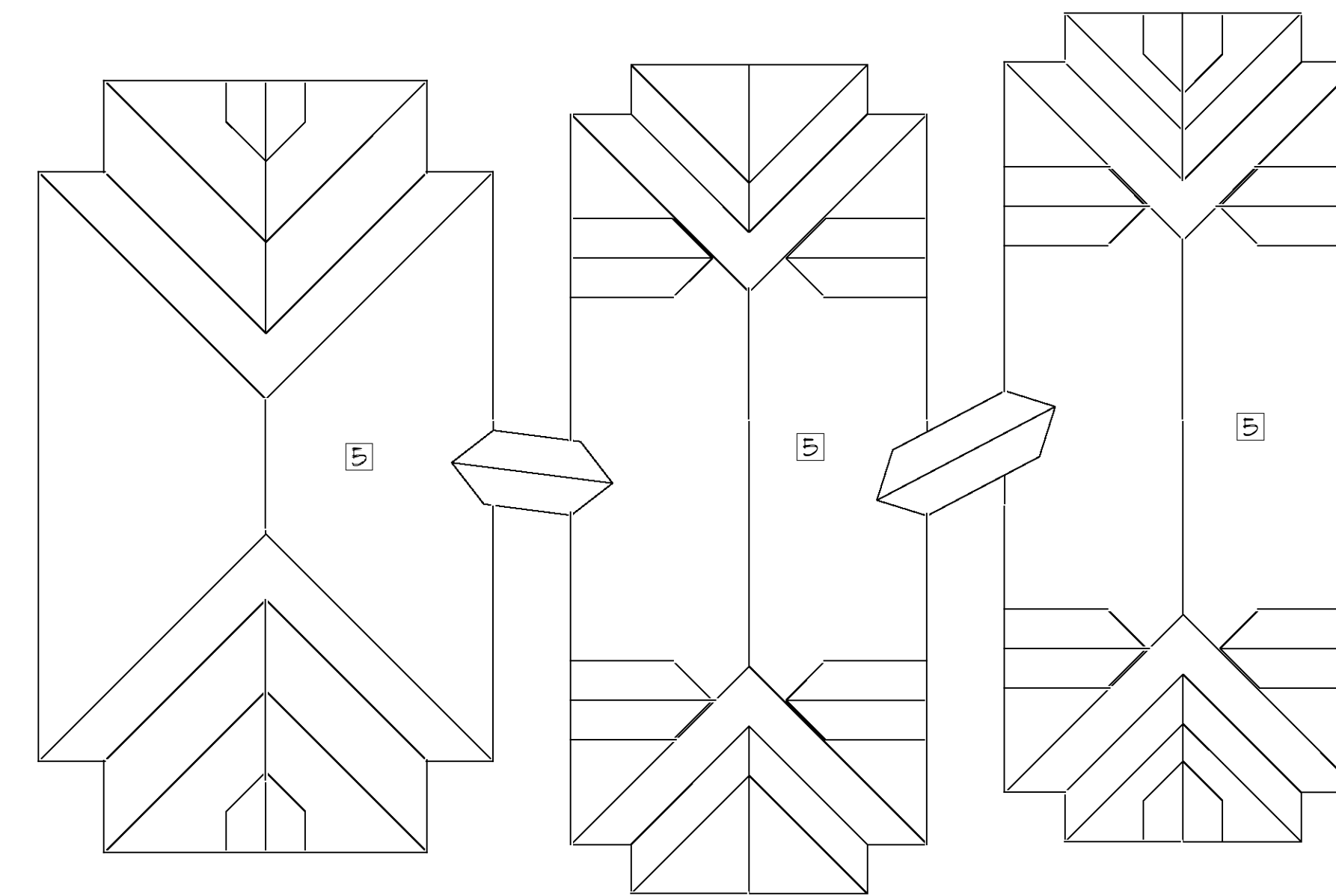
BUILDING C ROOF PLAN

PC Exhibit K

Pg 6 of 6



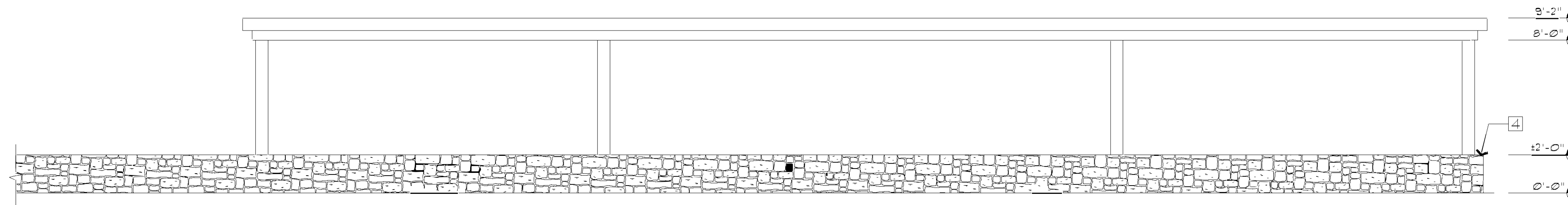
BUILDING A ROOF PLAN



BUILDING B ROOF PLAN

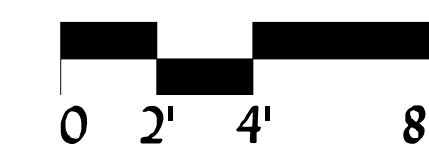
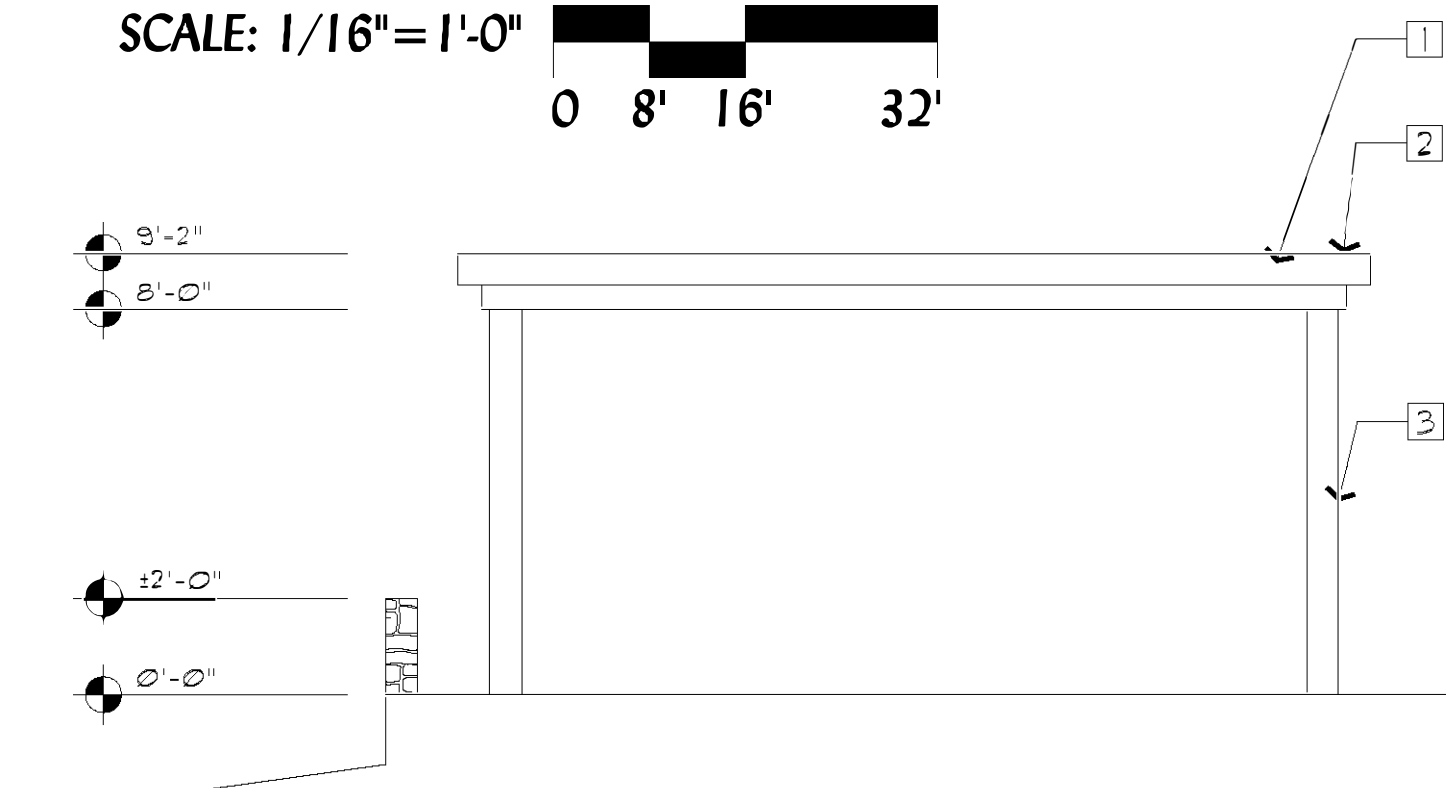
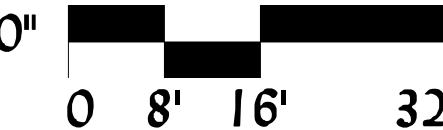
KEYNOTES/LEGEND

- 1 METAL RIB ROOF
- 2 METAL STRUCTURE
- 3 METAL TUBE POSTS
- 4 SCREEN WALL
- 5 HEAVY COMPOSITION SHINGLE CLASS A



TYPICAL CARPORT ELEVATIONS

SCALE: 1/16" = 1'-0"



SCALE: 1/4" = 1'-0"

HUNTINGTON SENIOR APARTMENTS

for ICON ENTERPRISES - HUNTINGTON PLACE

1650 HUNTINGTON DRIVE
ROSEVILLE, CALIFORNIA

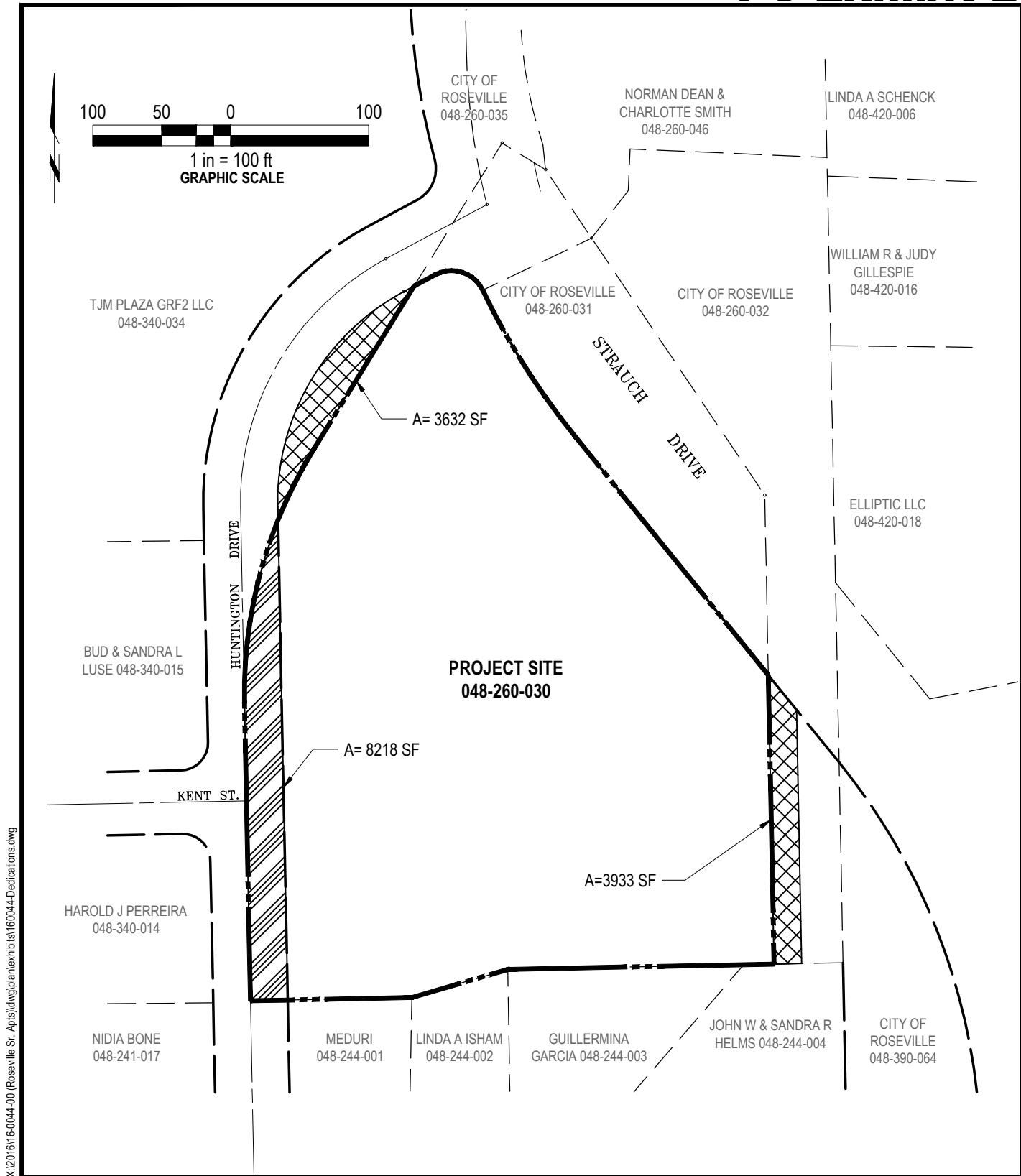
August 7, 2017
REVISED May 15, 2018
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PROPOSED DETAILS P7

PC Exhibit L



X:\2016\16-0044-00 (Roseville Sr. Apts)\dwg\plan\exhibit\160044-Dedications.dwg

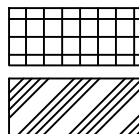
ROSEVILLE SR. APARTMENTS PROPOSED PROPERTY TRANSFER EXHIBIT JULY 20, 2018



MORTON & PITALO, INC.

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■ Northern California Office 75 Iron Point Circle, Suite 120 Folsom, CA 95630 phone: 916.984.7621 survey email: staking@mpengr.com
□ Central California Office 7643 North Ingram Avenue, Suite 105 Fresno, CA 93711 phone: 916.853.4505 web: www.mpengr.com

LEGEND



PROPOSED DEDICATION
TO PROJECT SITE

PROPOSED DEDICATION
TO CITY OF ROSEVILLE

ROSEVILLE, CALIFORNIA

Guidelines for Conversion of Non-Residential Land Uses

August 4, 2004

Intent:

In response to pressures to convert portions of the City's non-residential land use inventory the City has developed the following guidelines for the consideration of land use changes. The intent of the guidelines is to articulate the City's expectations relating to land use change proposals. These guidelines are to be applied as performance measures in the preparation and review of any such proposals. The guidelines are not intended to be inclusive of all City development requirements, but rather supplement those requirements by identifying or emphasizing concepts particularly important or unique to potential land use changes. It is expected that the City's emphasis on certain concepts or requirements will change overtime. Therefore, the guidelines are to be a fluid document to be revisited every two years and updated to reflect the City's present need.

In consideration of the unique attributes and constraints of various areas of the City, the guidelines have been divided in two areas those guidelines that are applicable to the infill area and those that are applicable to the balance of the City. A map depicting these areas is attached.

Infill

The overarching goal to be applied to land use changes within the infill portion of the City is to encourage and emphasize reinvestment and revitalization without creating undue burdens and barriers to development while preserving neighborhood compatibility.

1. Infill properties are identified as those properties located within the City's infill planning area as designated on the City's Zoning Map.
2. Parks obligation to include payment of citywide and neighborhood park fees. Neighborhood Park fees are to be applied to infill neighborhood park improvements as identified on an infill park CIP projects list. Where the Parks Department demonstrates a park need a Parkland dedication or in-lieu park fee for land dedication may be negotiated and evaluated on a project by project basis, based on the nature of the project and the benefit to the City.
3. Encourage the use of private passive open space in-lieu of land dedication for infill projects.
4. Off site utilities (e.g. water, sewer, electric) that serve more than the specific project are not the sole responsibility of the project. Over-sizing of improvements or upgrading to City standards may be available for City reimbursement. The City may develop a CIP for off site improvements for which a project may pay an impact fee in lieu of constructing the improvement. Each project shall be reviewed on a case-by-case basis and shall be conditioned accordingly.
5. School impacts shall be mitigated through new impact agreements executed to reflect the payment of the City's existing infill school impact fees.
6. New housing development shall meet the City's 10% goal (4% affordable to very low, 4% affordable to low, and 2% affordable to middle income) except redevelopment areas shall provide 15%. (Of those 40% affordable to very low income and the balance affordable to low/middle income).
7. A land use change on the Placer County Fair Grounds shall require a master plan.

8. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovative higher density residential mixed-use projects.

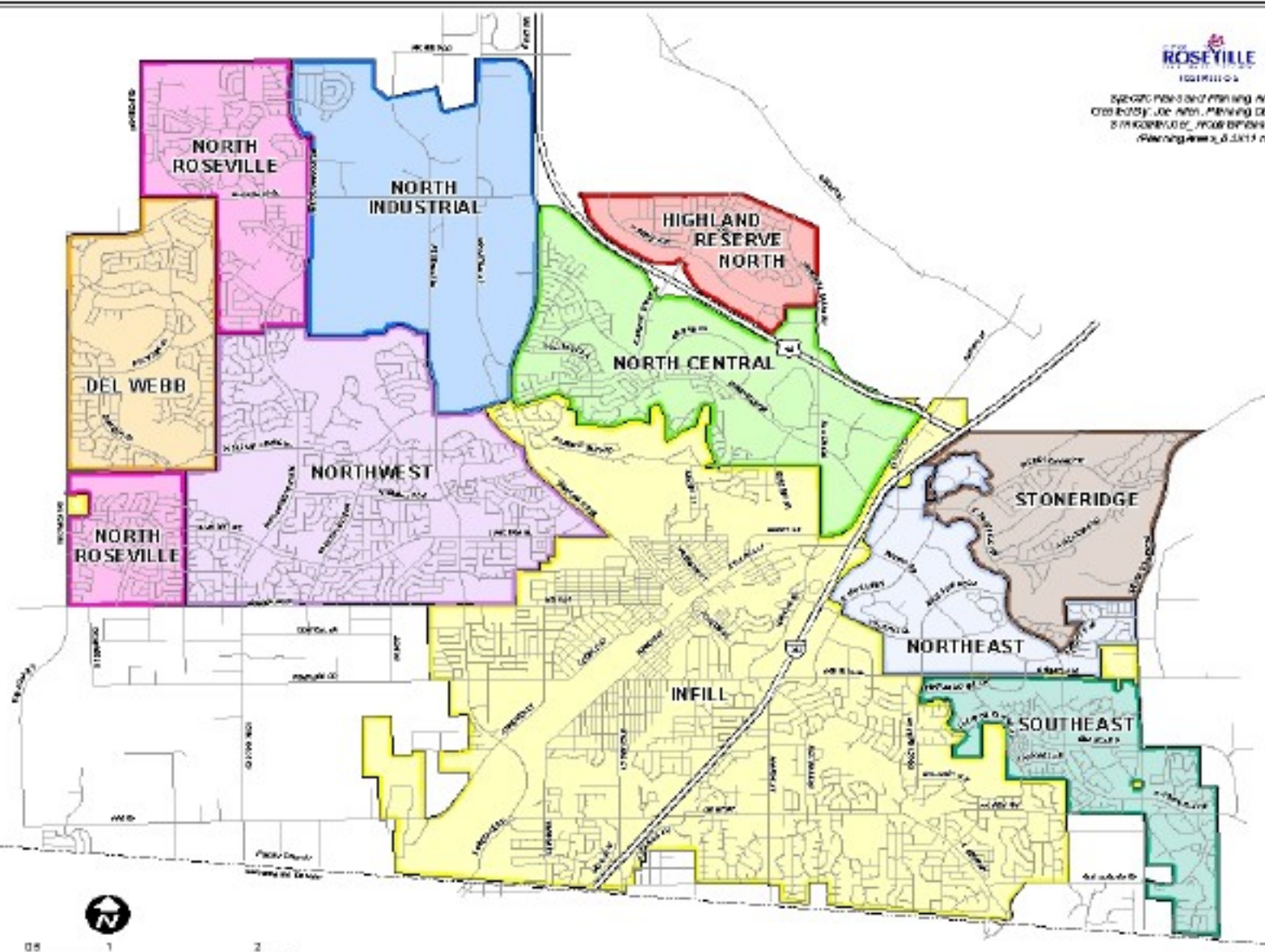
Balance of the City

The overarching goal to be applied to land use changes for the balance of the City is to maintain the City's fiscal balance and prevent the loss of jobs and existing job centers while maintaining a balanced community.

1. Balance of the City includes properties within all specific plans and the North Industrial Plan area.
2. A region wide employment and land inventory study shall be required of each project that is equal to or greater than 50 acres.
3. Land use changes will not have a negative fiscal impact to the City. Each project shall be modeled individually for citywide impacts utilizing the City's fiscal model.
4. Projects that are 50 acres or greater in size shall maintain employment options and a favorable jobs housing balance.
5. New housing development shall meet the City's 10% goal consistent with the Housing Element (4% affordable to very low, 4% affordable to low, and 2% affordable to middle income).
6. Projects shall provide a specific public benefit that may be in the form of a community benefit fee.
7. Increases in general fund service demands shall be mitigated by establishment of or annexation into a Community Facilities Mello Roos Assessment District to offset the costs of the project. The assessment may be utilized to offset the cost of the following: public safety; parks and open space maintenance; storm water management; and other costs identified by the City.
8. Parks obligation to include payment of citywide and neighborhood park fees. Active park needs shall be provided by the project. An in-lieu parkland dedication fee may be negotiated in lieu of land based on the project. For each acre of parkland dedication mitigated by an in-lieu fee a corresponding in-lieu fee shall be paid for park improvements. The in-lieu fees shall provide improvements of local benefit.
9. Place emphasis on the dedication of parklands within specific plan areas rather than acceptance of and in-lieu fee for land dedication.
10. Utilities (e.g. water, sewer, electric) shall not be impacted as to conveyance or capacity.
11. School impacts shall be mitigated through new impact agreements executed with the school districts to ensure that the projects student generation is accommodated.
12. Residential units not utilized within a specific plan area shall be reallocated within that plan area and school district. Otherwise, requests for units shall be considered as additive to the City's existing unit allocation.
13. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovative higher density residential mixed-use projects.



Specific Plans and Planning Areas
Created by Joe Allen, Planning Dept. Manager
5/1/2010, Roseville Planning
Planning Area 6.0/1.17.2010



SPECIFIC PLANS & PLANNING AREAS



MEMORANDUM

To: Planning Commission

From: Lauren Hocker, Senior Planner

Date: March 14, 2019

Re: Huntington Senior Apartments (PL17-0247)

The purpose of this memorandum is to update the Planning Commission on the above-referenced project, which is Item 6.3 of today's March 14, 2019 Planning Commission hearing. This memorandum addresses correspondence received since publication of the staff report, and a condition staff is proposing to add in response to neighborhood concerns. A total of five comment letters have been received on the project (Attached as Letters 1 through 5). A summary of the comments provided within each letter is provided below, along with a brief staff response, as needed. Three of the letters included comments on or related to the Initial Study and Mitigation Negative Declaration (IS/MND) evaluation of environmental impacts. Foothills Associates, the consultant who prepared the IS/MND, prepared a more detailed response to these, to supplement the summaries below; see Attachment 1.

Letters Received

Letter 1 - Ann Hobbs, Placer County Air Pollution Control District: This letter is discussed in the Planning Commission staff report, because it was received prior to staff report publication. The comment noted a typo in the Initial Study (carbon dioxide was described as carbon monoxide in one location). The typo does not affect the adequacy of the analysis, so no changes to the Initial Study are required. The letter also recommends the applicant consider higher-rated filtration systems for the Heating Ventilation and Air Conditioning units. This letter and recommendation have been passed onward to the applicant. No further response is needed. A more detailed response Foothills Associates is also included in Attachment 1 to this memorandum.

Letter 2 - Jordon Hensley, Central Valley Regional Water Quality Control Board: This is a standard letter the Water Quality Control Board sends out in response to all Initial Studies which are routed to their attention. The letter describes the various permits and regulations which may affect projects, but contains no project-specific comments. The Initial Study included descriptions of all regulations which are applicable to the project, and no changes to the Initial Study are required.

Letter 3 - Jason and Candace McNellis, Residents: This is a letter of opposition to the project, and includes comments on the project and comments about environmental impacts. Comments on environmental impacts are focused on traffic and safety, and are responded to in Attachment 1 of this memorandum. Comments on the project include concerns about the adequacy of parking, the possibility that the senior apartments could convert to a standard complex with no age restriction, and overall concerns about the process and whether residents are being heard.

The commenter states that parking will be inadequate, but the City's experience with other age-restricted apartment complexes in the City indicates that the Zoning Ordinance standards for parking are sufficient for this type of use. With respect to concerns about the complex ceasing to be age-restricted, it is very unlikely that this would occur, but this conversion would not necessarily require any further permits from the City. This is also true of commercial properties in the City, which can be sold and occupied by a new and different business. However, as with commercial properties, when a use in a building is changed, the City does review the building permit (a Certificate of Occupancy is required for the new business) to make two determinations: is the new proposed use consistent with land use and zoning designations, and is there adequate parking for the new use? For commercial buildings, this evaluation is triggered by the Certificate of Occupancy, but there

would be no such triggering process for lifting the age-restriction on this complex. Therefore, staff is proposing a new condition of approval which would require a modification of the Design Review Permit in order to approve removal of the age-restriction (see the end of this memorandum, Conditions of Approval section). This would allow staff to ensure adequate parking is provided, because the Zoning Ordinance requires more parking for standard apartments than it does for senior apartments. The applicant has agreed to this condition.

Many concerns were expressed at the neighborhood meeting, along with some support for the project. Staff has responded to all of these concerns, either by providing requested information at the neighborhood meeting or within the IS/MND and staff report, or by making project modifications. Modifications included the addition of speed tables on the site, to reduce the likelihood that drivers would use the site as a cut-through, and adding a wall cap and other design features to the masonry boundary wall. To the degree possible, given the site constraints on this challenging infill property, staff has worked to ensure the project design responds to neighborhood concerns.

Letter 4 - Joan Stump, Resident: This is a letter of opposition to the project. The comments indicate disappointment with the City's process for the project, and indicate the initial notice did not describe the affordable housing units. The initial notice referred to by the commenter is the notice of the neighborhood meeting. The notice included a basic project description and a link to the website where the project plans could be viewed. Though the notice did not indicate that five units would be affordable, that was discussed at the neighborhood meeting. The letter also indicates that the project will have negative effects on traffic, noise, loss of trees, loss of property value, but does not reference the Initial Study or offer any comments on the Initial Study evaluation of impacts. Therefore, no changes to the Initial Study are required in response.

Letter 5 - Tony and Terese Meduri, Residents: This is a letter of support for the project. The comments indicate that the project will be a visual benefit, and will resolve long-standing drainage concerns which have affected the letter-writers' property.

Conditions of Approval

Staff is recommending adding the following Condition of Approval:

- Add new Condition 10 reading as follows: The approved project is an age-restricted apartment complex which has provided parking consistent with City of Roseville Zoning Ordinance Section 19.26.030, Senior Citizen Apartments. A modification of the Design Review Permit shall be required for any proposal to cease operating the apartment complex as an age-restricted facility, as part of which, the applicant will be required to demonstrate compliance with the parking standards contained within City of Roseville Zoning Ordinance Section 19.26.030, Multi-Family (studio, 1 bedroom, 2+ bedrooms), or the Zoning Ordinance parking standard for multi-family development current at the time.

Striking Condition 10 and adding two new conditions will change the total number of conditions. Therefore, if action is taken to approve the project, it would be as follows:

- Adopt the findings of fact as stated in the staff report and approve the **Design Review Permit – 1650 Huntington Dr – Infill Pcl 93 & 196–Huntington Senior Apartments – PL17-0247** subject to ninety-two (92) conditions of approval.

Please contact me at lhocker@roseville.ca.us or at 916-774-5272 if you have any concerns.



ENVIRONMENTAL CONSULTING • PLANNING • LANDSCAPE ARCHITECTURE

March 14, 2019

Lauren Hocker
Senior Planner
City of Roseville
Development Services Department
311 Vernon Street
Roseville, CA 95678

**RE: Huntington Senior Apartments Project Initial Study/Mitigated Negative Declaration
(SCH #2019029042) — Response to Public Comments**

Dear Ms. Hocker:

On behalf of the City of Roseville (City), Foothill Associates prepared an Initial Study/Mitigated Negative Declaration (IS/MND) and Mitigation Monitoring and Reporting Program (MMRP) for the Huntington Senior Apartments Project, analyzing and discussing the potential environmental effects, and, where applicable, proposing mitigating measures to reduce the level of significance of any impacts to a level below significant. Pursuant to Section 15073(a) of the State California Environmental Quality Act (CEQA) Guidelines, the *Huntington Senior Apartments, File #PL17-0247, Initial Study/ Mitigated Negative Declaration* (State Clearinghouse Number 2019029042) was circulated for public review for a 30-day comment period between February 8, 2019 and March 11, 2019. This letter documents and responds to public and agency comments received by the City concerning the public review draft IS/MND (per CEQA Guidelines Section 15074(b)).

Public Comments

Public comments on the IS/MND received by the City and forwarded to Foothill Associates include the following:

1. February 28, 2019 Letter from Ann Hobbs, Associate Planner, Planning & Monitoring Section, Placer County Air Pollution Control District (**Letter 1**);
2. March 4, 2019 Letter from Jordan Hensley, Environmental Scientist, Central Valley Regional Water Quality Control Board (**Letter 2**); and
3. March 11, 2019 Letter from Jason and Candace McNellis (**Letter 3**).

Foothill Associates offers the following responses to comments received on the *Huntington Senior Apartments, File #PL17-0247, Initial Study/ Mitigated Negative Declaration*.

Comment Letter #1:

February 28, 2019 Letter from Ann Hobbs, Associate Planner, Planning & Monitoring Section, Placer County Air Pollution Control District (**Letter 1**).

Comment 1:

Thank you for the opportunity to review and comment on the Mitigated Negative Declaration for the proposed INFILL PCL 93 & 196 – Huntington Senior Apartments (Project). The District provides the following comments for consideration.

- 1) *Under section III Air Quality, subsection d, is the last sentence in the first paragraph correct? "The major pollutant of concentrations of concern are localized carbon dioxide (CO) emissions." The pollutant should be carbon monoxide – CO.*
- 2) *With more prevalent wildfire smoke intrusions, affecting greater numbers of the population, the District suggests, that higher rated filter (merv 13 and higher) systems be considered with individual hvac systems to filter out smaller air pollution particles for indoor air quality.*

Response 1:

Comment noted.

The correction to Section III Air Quality, subsection d will be noted in the City's Staff Report.

The City will apply applicable statutes and regulations pertaining to air quality. No modifications to the analyses or the findings of the IS/MND are warranted.

Comment Letter #2:

March 4, 2019 Letter from Jordan Hensley, Environmental Scientist, Central Valley Regional Water Quality Control Board (**Letter 2**).

Comment 2:

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards

are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues.

For more information on the Water Quality Control Plan for the Sacramento and San Joaquin River Basins, please visit our website:

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/.

Antidegradation Considerations

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Policy is available on page 74 at:

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf.

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction Activities (Construction General Permit), Construction General

Permit Order No. 2009-009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP).

For more information on the Construction General Permit, visit the State Water Resources Control Board website at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml.

Phase I and II Municipal Separate Storm Sewer System (MS4) Permits¹

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/.

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/phaseii_municipal.shtml.

Industrial Storm Water General Permit

Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ.

For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml.

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACOE). If a Section 404 permit is required by the USACOE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage

¹ Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4's which include military bases, public campuses, prisons and hospitals.

realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements.

If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACOE at (916) 557-5250.

Clean Water Act Section 401 Permit - Water Quality Certification

If an USACOE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications.

For more information on the Water Quality Certification and WDR processes, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements - Discharges to Waters of the State

If USACOE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation.

For more information on the Waste Discharges to Surface Water NPDES Program and WDRs processes, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Dewatering Permit

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Risk General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Risk Waiver) R5-2013-0145. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Risk General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wq02003-0003.pdf.

For more information regarding the Low Risk Waiver and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r52013-0145_res.pdf.

Regulatory Compliance for Commercially Irrigated Agriculture

If the property will be used for commercial irrigated agricultural, the discharger will be required to obtain regulatory coverage under the Irrigated Lands Regulatory Program. There are two options to comply:

- 1) **Obtain Coverage Under a Coalition Group.** Join the local Coalition Group that supports land owners with the implementation of the Irrigated Lands Regulatory Program. The Coalition Group conducts water quality monitoring and reporting to the Central Valley Water Board on behalf of its growers. The Coalition Groups charge an annual membership fee, which varies by Coalition Group. To find the Coalition Group in your area, visit the Central Valley Water Board's website at:
http://www.waterboards.ca.gov/centralvalley/waterissues/irrigated_land/regulatory_information/for_growers/coalition_groups/ or contact water board staff at (916) 464-4611 or via email at lrrLands@waterboards.ca.gov.
- 2) **Obtain Coverage Under the General Waste Discharge Requirements for Individual Growers, General Order R5-2013-0100.** Dischargers not participating in a third-party group (Coalition) are regulated individually. Depending on the specific site conditions, growers may be required to monitor runoff from their property, install monitoring wells, and submit a notice of intent, farm plan, and other action plans regarding their actions to comply with their General Order. Yearly costs would include State administrative fees (for example, annual fees for farm sizes from 11-100 acres are currently \$1,277 + \$8.53/Acre); the cost to prepare annual monitoring reports; and water quality monitoring costs. To enroll as an Individual Discharger under the Irrigated Lands Regulatory Program, call the Central Valley Water Board phone line at (916) 464-4611 or e-mail board staff at lrrLands@waterboards.ca.gov.

Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the Limited Threat Discharges to Surface Water (Limited Threat General Order). A complete application must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order.

For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_order_s/r5-2016076-01.pdf.

NPDES Permit

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit.

For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: <http://www.waterboards.ca.gov/centralvalley/help/permit>.

Response 2:
Comment(s) noted.

Page 17 of the IS/MND identifies regulations and ordinances recognized to provide uniform mitigating policies and standards that are applicable to development projects, including coverage under the City's Storm Water Control Ordinance (Ordinance No. 4822) that was developed to meet the terms of the City's General Permit (NPDES No. CAS000004).

As discussed in IS/MND **Section IV**, the project site contains 0.01 acres riparian habitat located in the southeastern corner of the site which includes a perennial drainage (Cirby Creek) running north to south and paralleling the southeastern boundary of the project site. This feature exhibits a defined bed and bank and an ordinary high water mark (OHWM), and therefore, may be considered a feature with both federal and State jurisdictional status. No work would be conducted with the OHWM of the perennial drainage (Cirby Creek). Implementation of **Mitigation Measure BIO-5** would require the establishment of a construction exclusion zone through the installation of exclusion fencing surrounding the perimeter of the onsite riparian habitat. In addition, the Project Applicant would be required to comply with the City Grading Permit, the State Water Resources Control Board (SWRQB) National Pollutant Discharge Elimination System (NPDES) General Permit, the City's Construction and Design Standards, and the City's Stormwater Best Management Practices (BMP) Guidance Manual to ensure that water quality-related impacts remain less than significant. Therefore, the need for authorization under Section 404 and the need to obtain Water Quality Certification are not anticipated.

Development of the Proposed Project would attenuate storm water onsite. Project development would include several bio-retention facilities located adjacent to paved areas. The bio-retention facilities would include plantings to help retain and treat storm water runoff from impervious surfaces during high flow storm events. A 1,418 square-foot vegetative swale would be constructed adjacent to the project entrance along Strauch Drive.

Additional analyses related to water quality are presented within IS/MND **Section IV, Biological Resources, Section IX, Hydrology and Water Quality, and Section XVIII, Utilities and Service Systems**.

The City will apply applicable statutes and regulations pertaining to water quality. No modifications to the analyses or the findings of the IS/MND are warranted.

Comment Letter #3:

March 11, 2019 Letter from Jason and Candace McNellis (**Letter 3**).

Comment 3a:

I am writing to oppose the planned Senior Apartment living project slated and proposed for 1650 Huntington Drive. I would first like to state that this proposed project is no more than a gross attempt to extract as much fiscal opportunity as possible from a rather small resource. After attending the initial neighborhood meeting at Maidu Community Center, it is clear the builder/developer/owner have no interest in how this development will affect the existing long standing neighborhood and tight knit community. This is one of the oldest existing neighborhoods in Central Roseville with established families and properties. Some of which have been here since the beginning and others were handed down within the family. The area which this development is slated for has been zoned Commercial/Medium Density and this land was donated with conditions that a portion would not be built upon. They would like to change this from a grandfathered PD 7 (Planned Development) to a High Density, Attached Housing (R3). They would also like a tree permit to remove one of the most iconic Oak Trees in Roseville as well as a lot line adjustment.

Below are all of the bullet points as to why this proposal/request from above should be denied.

Response 3a:

Comment noted.

The City acknowledges the concerns of the commenter.

No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3b:

Traffic: *The developer is aware that traffic in this area is already a problem and due to that, has to arrange the entrances and exits in such a way that it directs even more traffic to an already congested area. If a resident of this proposed build would like to leave the complex and go to HWY 80 East/West using Douglas Blvd., they are forced onto Kent Street and must use the stop light at Sierra Gardens and Douglas. This stop light is already over congested and a problem for the neighborhood. So much so that if you sit at the intersection during traffic hours in the morning or afternoon, you will see driver after driver run the red light because it is too short, over congested, and takes at least 2-3 times sitting through the light before you are able to leave the neighborhood. This is the only option for making a left to Douglas Blvd. heading towards HWY 80 for all of the neighborhood. To add to this problem, the TJ Maxx shopping center parking lot dumps out right at that light causing even more of a headache at the light with drivers not wanting to wait for this light. They pull out into and block the street even though it is unsafe to do so. There is also no option for these residents to leave and make a right on to Douglas Blvd. from the complex as Strauch was deemed too unsafe for them to allow residents to make a left out the complex on to Strauch so they could make a right onto Douglas Blvd. and head towards Folsom Lake. This forces the residents to use the stop light at Strauch and Professional which is also another pain point the way the light is setup. Both ways can travel on green and turning drivers must yield. The builder/developer are aware of the problems*

that already exist here for traffic, and instead of helping to alleviate the problem, they are only adding to the problem if this is approved. Another problem with the design of the complex and their parking lot entrances and exits is the fact that if approved with the current design, will allow drivers on Rocky Ridge to bypass Douglas Blvd. (which they already do at unsafe speeds to beat the lights on Douglas heading towards the freeway) and cut through the complex parking lot directly to Kent Street instead of using Strauch as they do now. This means drivers will be cutting through the complex parking lot at unsafe rate of speeds where supposed senior citizens are living. Lastly, if someone leaving the Sprouts shopping center on Douglas and Rocky Ridge wants to go towards Maidu Community Center or Cirby, they are forced to go left on to Douglas, left on to Strauch and then right on to Rocky Ridge again from the light in front of the complex where their residents leave from. This is a very unsafe corner and drivers speed through this section as it is poorly planned and slows them down to their destination. As you can see the location where the builder would like to add 76 units does not have the infrastructure to support this type of population addition to the neighborhood, hence the original zoning of Commercial/Medium Density Housing.

Response 3b:

Comment noted.

The Proposed Project includes a Rezone and General Plan Amendment to change existing Commercial and Medium Density Residential land use designations to High Density Residential, but the Proposed Project would not generate more trips than had been anticipated for the project site in the City's General Plan citywide traffic analysis.

The Proposed Project has been reviewed by the City Engineering and City Fire Department staff, and has been found to be consistent with the City's Design Standards. City Engineering staff calculated the project trip generation, and determined that the Proposed Project would actually reduce anticipated peak hour trips by 73 tips. This is because the trip rates within the City's traffic model for Medium Density Residential and Commercial (the existing land use designations) are much higher than are the rates for senior apartment communities. The Proposed Project would reduce trip generation compared to what had been anticipated within the City's General Plan. Therefore, the project would not substantially increase vehicle trips in the project vicinity.

The writer also indicates that the only way to access Douglas Boulevard will be through Kent Street and that left turns out of the site on Strauch are prohibited, but this is not the case. The project includes driveway access to Strauch Drive, where exiting drivers can make either a right or left turn out of the site. Only left turns into the site are prohibited. Drivers wanting to turn left (westbound) on Douglas Boulevard could cut across Kent Street to Sierra Gardens, but can also turn right on Strauch Drive, and left on Rocky Ridge Drive to access Douglas Boulevard. Drivers wanting to turn right (eastbound) on Douglas Boulevard can also turn left on Strauch Drive to connect to Douglas Boulevard.

The Initial Study discusses the safety of intersections as well as traffic operations, and concludes based on facts supported by substantial evidence that existing roadways are operating acceptably and that the project will not degrade operations or safety.

No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3c:

Parking: *With Kent Street already having Sierra Gardens Apartments at the other end of the street, parking along Sierra Gardens, Kent Street, and Strauch are already flooded with cars. So much so that recently the City of Roseville Waste Department had cars towed so the garbage person could access waste receptacles. People walk all the way down Kent Street from Sierra Gardens to Strauch where they park since parking is such an issue on Sierra Gardens. Sierra Gardens is also very unsafe due to this as the already problematic light has cars lined up and down both sides of the street. The builder/developer think that they have things covered with a few extra parking spaces, but this is a very poorly planned community. The builder/developer would have you believe that these are 80 plus year old people with no cars or family that visits, that want to pay \$2100 and up a month to live in Central Roseville and just wither away quietly with no visitors. This couldn't be further from the truth though. This a 55 year and older community with 48 one bedroom units and 28 two bedroom units. With a one bedroom being able to house 3 individuals and a two bedroom being able to house 5 individuals, this is potentially 184 parking spaces that would be needed if they were at full occupancy and each tenant had a vehicle. As you can see this a gross misrepresentation of how much space would be needed. These units will be Central Roseville units available to 55 years and older meaning any single professional or couple that works along Douglas in one of the many financial or medical field offices would love to take advantage of a new unit in this complex at that price range. With the monthly cost of rent in this complex, it is more likely to be that type of tenant than a retired individual on a fixed income. Even if we only take the 76 units and say a quarter of these people only have one friend over at the same time, we are beyond the allotted parking available and they will spill on to the already overcrowded street.*

Response 3c:

Comment noted. Refer to **Response 3b** above. Parking is not required to be evaluated as part of the California Environmental Quality Act; even where they exist, parking shortfalls are not considered to be an environmental impact. In this case, the project provides parking consistent with the City's Zoning Ordinance standards for the use, and has sufficient parking.

The Proposed Project has been reviewed by the City Engineering and City Fire Department staff, and has been found to be consistent with the City's Design Standards. City Engineering staff have reviewed the proposal and nearby facilities and concluded the Proposed Project does not include any design features that could result in increased safety hazards.

The Proposed Project would be constructed in conformance with Community Design Guidelines and City standards and requirements.

No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3d:

Zoning: *If the zoning is changed from Commercial/Medium Density to High Density Residential, there is no guarantee for the residents of the existing neighborhood that the developer/owner will not sell this property and then later have it turned into a regular apartment complex or*

Section 8 housing for that matter which would cause a huge amount of problems for the neighborhood. Having the Sierra Gardens Apartments at the other end of the street already causes a crime increase due to the types of renters in that facility. Should the owner/developer, find that their plan is not as lucrative as they thought, they may sell leaving the neighborhood with no recourse but to accept and take on the problem they leave behind. Medium Density housing could at least mean a reasonable amount of homes that could be built and purchased and then the new units would at least be investing in the already existing neighborhood community and not just wanting to profit off of it. With no invested interest in these units due to them being rentals, it is only a matter of time before it starts to get run down.

Response 3d:

Comment noted. This is not a comment on the adequacy of the environmental document. No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3e:

Line of Sight: *This ridiculously planned community wants to construct 3 story units on this tiny corner lot and they believe that line of sight will not be affected for residents. This could not be further from the truth as I own both 1735 and 1734 Kent Street Duplexes which are the two corner lots directly across from this planned community. If I look out my dining room currently I can see the beautiful field and iconic 100 year old Oak Tree perched on top of it. I can also see the traffic light at Strauch and Professional in direct sight. These 2 and 3 story buildings will give tenants line of sight into my renters bedrooms and backyards at 1735 Kent Street and in to our house at 1734 Kent Street. This builder would like to have several changes made to the existing status of this property so they can come take away the beautiful nature existing here and impose an invasion of privacy on the existing neighborhood residents. In the past a 3 story commercial building was approved, however these were not tenants living in the space full time nor was it adding 76 plus more residents to an already overcrowded neighborhood. It also did not request changes to the zoning designation.*

Response 3e:

Comment noted.

The IS/MND evaluates Aesthetic Resources, including viewsheds, and the line of sight associated with nearby residences. As shown on IS/MND **Figure 10**, viewers on the newly constructed balconies would be able to see people if both the viewer and the person in the backyard are standing, but would not be able to see if either is seated, and would not be able to see into any other yards. Once landscaping trees on the frontage of the project site and within the parking lot have established, this view would be blocked.

The Proposed Project has been designed to comply with the City's Findings of the Implementing Procedures that designate compliance with the Zoning Ordinance (e.g. building height, setbacks, etc.), Subdivision Ordinance (RMC Ch. 18), Community Design Guidelines (Resolution 95-347), and applicable General Plan Policies and/or Community Design Guidelines to prevent significant impacts in urban settings. Furthermore, State's most recently adopted modifications to the California Environmental Quality Act Guidelines change the criteria for evaluating visual impacts, and explicitly state that visual impacts should only be considered to *public* views, and

also indicate that in urbanized settings, the relevant question is whether a project conflicts with policies related to scenic quality. As stated, the project complies with all of the City's regulations and design standards.

The City has adopted Community Design Guidelines for the purpose of creating building and community designs which are a visual asset to the community. The Community Design Guidelines includes guidelines for building design, site design, and landscape design, which would result in a project that enhances the existing urban visual environment. The Proposed Project would be constructed in conformance with the Community Design Guidelines and City standards and requirements.

Comment 3f:

Builder/Developer Interest: *When the neighborhood went to the first planning meeting for this proposed construction at Maidu Community Center, we all voiced our concerns and discontent for this proposed construction. Asking the builder if the plans could be modified to meet the concerns of the existing residents, we were advised that if they even built one unit less on the lot, it wouldn't be financially viable for them. What this means is that the prospective financial opportunity for them if approved, means more than the existing community in Roseville that has long been established. It is very sad to see Roseville cater to the all mighty dollar rather than its residents that have worked together in this community to keep informed and watch out for on another. At what point does Roseville stop allowing developers and corporate interests to pave over all existing lots with nature existing on them. The whole neighborhood would love to see Roseville purchase this lot and save it from the greedy so the neighborhood can continue to enjoy it as we have since the 60's.*

Response 3f:

Comment noted. This is not a comment on the adequacy of the environmental document.

The City acknowledges the concerns of the commenter.

No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3g:

Property Values: *A Medium Density existing zoning structure ensures that anything approved in its current state, would mean that developments would encourage investment by buying into the neighborhood with a new home. High Density Attached Residential means problems and lowered property values.*

Response 3g:

Comment noted. This is not a comment on the adequacy of the environmental document.

The City acknowledges the concerns of the commenter.

No modifications to the analyses or the findings of the IS/MND are warranted.

Comment 3h:

In closing, I would like to state that the builder/developer has used some very deceptive language and actions when representing this build to the community. Let's not be fooled by the deception and verbiage and let's look at the facts. I have two owned an operated rental properties that will be directly affected by this if approved and not in a positive fashion. I hope the City of Roseville and it's elected officials remember when reviewing this that we elect them in to office and we do so hoping they will protect our best interests, and keeps it's long standing residents in mind, not cave to the corporate economic process of the almighty dollar. If they forget to do so, please believe we won't when it comes to time to vote again. I have faith our city will do the right thing and deny these requested changes to the current zoning designations of this lot. We will be at the hearing fighting this one hundred percent along with the rest of the neighborhood on this Thursday, March 14th. We employ you to do the right thing for our neighborhood. Thank you so much for you time and consideration regarding this matter.

Response 3h:

Comment noted. This is not a comment on the adequacy of the environmental document.

The City acknowledges the concerns of the commenter.

No modifications to the analyses or the findings of the IS/MND are warranted.

Conclusion

As summarized by the responses to individual comments presented above, no modifications to the analyses or findings within the IS/MND are warranted.

We look forward to working with you on the completion of the environmental review for this project. If you have any question concerning these responses, please feel free to contact me by telephone at (916) 435-1202 or by email cguider@foothill.com.

Sincerely,



Candice Guider-Heitmann
Associate Environmental Planner

Letter 1

Placer County Air Pollution Control District Letter



February 28, 2019

SENT VIA E-MAIL: planningdept@roseville.ca.us

Development Services – Planning Division
311 Vernon Street
Roseville, CA 95678

SUBJECT: INFILL PCL 93 & 196 – Huntington Senior Apartments Mitigated Negative Declaration

Thank you for the opportunity to review and comment on the Mitigated Negative Declaration for the proposed INFILL PCL 93 & 196 – Huntington Senior Apartments (Project). The District provides the following comments for consideration.

1. Under section III Air Quality, subsection d, is the last sentence in the first paragraph correct? "The major pollutant of concentrations of concern are localized carbon dioxide (CO) emissions." The pollutant should be carbon monoxide – CO.
2. With more prevalent wildfire smoke intrusions, affecting greater numbers of the population, the District suggests, that higher rated filter (merv 13 and higher) systems be considered with individual hvac systems to filter out smaller air pollution particles for indoor air quality.

Thank you for allowing the District this opportunity to review the Mitigated Negative Declaration. Please do not hesitate to contact me at 530.745.2327 or ahobbs@placer.ca.gov if you have any questions.

Sincerely,

Ann Hobbs
Associate Planner
Planning & Monitoring Section

cc: Yushuo Chang, Planning & Monitoring Section Supervisor

Letter 2

Central Valley Regional Water Quality Control Board
Letter

RECEIVED

MAR 11 2019

Planning Department

Central Valley Regional Water Quality Control Board

4 March 2019

Lauren Hocker
City of Roseville
Development Services Department - Planning
311 Vernon Street
Roseville, CA 95678

CERTIFIED MAIL
7014 2120 0001 4292 3341

**COMMENTS TO REQUEST FOR REVIEW FOR THE MITIGATED NEGATIVE
DECLARATION, HUNTINGTON SENIOR APARTMENTS PROJECT, SCH#2019029042,
PLACER COUNTY**

Pursuant to the State Clearinghouse's 8 February 2019 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Mitigated Negative Declaration* for the Huntington Senior Apartments Project, located in Placer County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues.

For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

Antidegradation Considerations

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at: https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction Activities (Construction General Permit), Construction General Permit Order No. 2009-009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan

(SWPPP).

For more information on the Construction General Permit, visit the State Water Resources Control Board website at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml

Phase I and II Municipal Separate Storm Sewer System (MS4) Permits¹

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

Industrial Storm Water General Permit

Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ.

For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements.

¹ Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

Clean Water Act Section 401 Permit – Water Quality Certification

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications.

For more information on the Water Quality Certification, visit the Central Valley Water Board website at:

https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State

If USACE determines that only non-jurisdictional waters of the State (i.e., “non-federal” waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation.

For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:

https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Dewatering Permit

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Risk General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Risk Waiver) R5-2013-0145. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Risk General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

For more information regarding the Low Risk Waiver and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2013-0145_res.pdf

Regulatory Compliance for Commercially Irrigated Agriculture

If the property will be used for commercial irrigated agricultural, the discharger will be required to obtain regulatory coverage under the Irrigated Lands Regulatory Program. There are two options to comply:

1. **Obtain Coverage Under a Coalition Group.** Join the local Coalition Group that supports land owners with the implementation of the Irrigated Lands Regulatory Program. The Coalition Group conducts water quality monitoring and reporting to the Central Valley Water Board on behalf of its growers. The Coalition Groups charge an annual membership fee, which varies by Coalition Group. To find the Coalition Group in your area, visit the Central Valley Water Board's website at: https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_land/regulatory_information/for_growers/coalition_groups/ or contact water board staff at (916) 464-4611 or via email at IrrLands@waterboards.ca.gov.
2. **Obtain Coverage Under the General Waste Discharge Requirements for Individual Growers, General Order R5-2013-0100.** Dischargers not participating in a third-party group (Coalition) are regulated individually. Depending on the specific site conditions, growers may be required to monitor runoff from their property, install monitoring wells, and submit a notice of intent, farm plan, and other action plans regarding their actions to comply with their General Order. Yearly costs would include State administrative fees (for example, annual fees for farm sizes from 11-100 acres are currently \$1,277 + \$8.53/Acre); the cost to prepare annual monitoring reports; and water quality monitoring costs. To enroll as an Individual Discharger under the Irrigated Lands Regulatory Program, call the Central Valley Water Board phone line at (916) 464-4611 or e-mail board staff at IrrLands@waterboards.ca.gov.

Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order.

For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

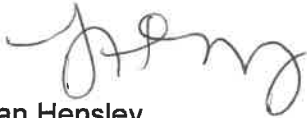
NPDES Permit

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit.

For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at:

<https://www.waterboards.ca.gov/centralvalley/help/permit/>

If you have questions regarding these comments, please contact me at (916) 464-4812 or Jordan.Hensley@waterboards.ca.gov.



Jordan Hensley
Environmental Scientist

cc: State Clearinghouse unit, Governor's Office of Planning and Research, Sacramento

Letter 3

Jason and Candace McNellis Letter

Formal Opposition Submission

Re:

Project Title and File #: Infill Pcl 93 & 196 - Huntington Senior Apartments; File # PL17-0247

Jason and Candace McNellis
(916) 300-3786
1734 Kent Street Unit A
Roseville, CA. 95661

To whom it may concern,

3a

I am writing to oppose the planned Senior Apartment living project slated and proposed for 1650 Huntington Drive. I would first like to state that this proposed project is no more than a gross attempt to extract as much fiscal opportunity as possible from a rather small resource. After attending the initial neighborhood meeting at Maidu Community Center, it is clear the builder/developer/owner have no interest in how this development will affect the existing long standing neighborhood and tight knit community. This is one of the oldest existing neighborhoods in Central Roseville with established families and properties. Some of which have been here since the beginning and others were handed down within the family. The area which this development is slated for has been zoned Commercial/Medium Density and this land was donated with conditions that a portion would not be built upon. They would like to change this from a grandfathered PD 7 (Planned Development) to a High Density, Attached Housing (R3). They would also like a tree permit to remove one of the most iconic Oak Trees in Roseville as well as a lot line adjustment.

Below are all of the bullet points as to why this proposal/request from above should be denied.

3b

1. **Traffic:** The developer is aware that traffic in this area is already a problem and due to that, has to arrange the entrances and exits in such a way that it directs even more traffic to an already congested area. If a resident of this proposed build would like to leave the complex and go to HWY 80 East/West using Douglas Blvd., they are forced onto Kent Street and must use the stop light at Sierra Gardens and Douglas. This stop light is already over congested and a problem for the neighborhood. So much so that if you sit at the intersection during traffic hours in the morning or afternoon, you will see driver after driver run the red light because it is too short, over congested, and takes at least 2-3 times sitting through the light before you are able to leave the neighborhood. This is the only option for making a left to Douglas Blvd. heading towards HWY 80 for all of the neighborhood. To add to this problem, the TJ Maxx shopping center parking lot dumps out right at that light causing even more of a headache at the light with drivers not wanting to wait for this light. They pull out into and block the street even though it is unsafe to do so. There is also no option for these residents to leave and make a right on to Douglas Blvd. from the complex as Strauch was deemed too unsafe for them to allow residents to make a left out the complex on to Strauch so they could make a right onto Douglas Blvd. and head towards Folsom Lake. This forces the residents to use the stop light at Strauch and Professional which is also another pain point the way the light is setup. Both ways can travel on green and turning drivers must yield. The builder/developer are aware of the problems that already exist here for traffic, and instead of helping to alleviate the problem, they are only adding to the problem if this is approved. Another problem with the design of the complex and their parking lot entrances and exits is the fact that if approved with the current design, will allow drivers on Rocky Ridge to bypass Douglas Blvd. (which they already do at unsafe speeds to beat the lights on Douglas heading towards the freeway) and cut through the

3b
cont.

complex parking lot directly to Kent Street instead of using Strauch as they do now. This means drivers will be cutting through the complex parking lot at unsafe rate of speeds where supposed senior citizens are living. Lastly, if someone leaving the Sprouts shopping center on Douglas and Rocky Ridge wants to go towards Maidu Community Center or Cirby, they are forced to go left on to Douglas, left on to Strauch and then right on to Rocky Ridge again from the light in front of the complex where their residents leave from. This is a very unsafe corner and drivers speed through this section as it is poorly planned and slows them down to their destination. As you can see the location where the builder would like to add 76 units does not have the infrastructure to support this type of population addition to the neighborhood, hence the original zoning of Commercial/Medium Density Housing.

3c

2. **Parking:** With Kent Street already having Sierra Gardens Apartments at the other end of the street, parking along Sierra Gardens, Kent Street, and Strauch are already flooded with cars. So much so that recently the City of Roseville Waste Department had cars towed so the garbage person could access waste receptacles. People walk all the way down Kent Street from Sierra Gardens to Strauch where they park since parking is such an issue on Sierra Gardens. Sierra Gardens is also very unsafe due to this as the already problematic light has cars lined up and down both sides of the street. The builder/developer think that they have things covered with a few extra parking spaces, but this is a very poorly planned community. The builder/developer would have you believe that these are 80 plus year old people with no cars or family that visits, that want to pay \$2100 and up a month to live in Central Roseville and just wither away quietly with no visitors. This couldn't be further from the truth though. This is a 55 year and older community with 48 one bedroom units and 28 two bedroom units. With a one bedroom being able to house 3 individuals and a two bedroom being able to house 5 individuals, this is potentially 184 parking spaces that would be needed if they were at full occupancy and each tenant had a vehicle. As you can see this is a gross misrepresentation of how much space would be needed. These units will be Central Roseville units available to 55 years and older meaning any single professional or couple that works along Douglas in one of the many financial or medical field offices would love to take advantage of a new unit in this complex at that price range. With the monthly cost of rent in this complex, it is more likely to be that type of tenant than a retired individual on a fixed income. Even if we only take the 76 units and say a quarter of these people only have one friend over at the same time, we are beyond the allotted parking available and they will spill on to the already overcrowded street.

3d

3. **Zoning:** If the zoning is changed from Commercial/Medium Density to High Density Residential, there is no guarantee for the residents of the existing neighborhood that the developer/owner will not sell this property and then later have it turned into a regular apartment complex or Section 8 housing for that matter which would cause a huge amount of problems for the neighborhood. Having the Sierra Gardens Apartments at the other end of the street already causes a crime increase due to the types of renters in that facility. Should the owner/developer, find that their plan is not as lucrative as they thought, they may sell leaving the neighborhood with no recourse but to accept and take on the problem they leave behind. Medium Density housing could at least mean a reasonable amount of homes that could be built and purchased and then the new units would at least be investing in the already existing neighborhood community and not just wanting to profit off of it. With no invested interest in these units due to them being rentals, it is only a matter of time before it starts to get run down.

3e

4. **Line of Sight:** This ridiculously planned community wants to construct 3 story units on this tiny corner lot and they believe that line of sight will not be affected for residents. This could not be further from the truth as I own both 1735 and 1734 Kent Street Duplexes which are the two corner lots directly across from this planned community. If I look out my dining

3e
cont.

room currently I can see the beautiful field and iconic 100 year old Oak Tree perched on top of it. I can also see the traffic light at Strauch and Professional in direct sight. These 2 and 3 story buildings will give tenants line of sight into my renters bedrooms and backyards at 1735 Kent Street and in to our house at 1734 Kent Street. This builder would like to have several changes made to the existing status of this property so they can come take away the beautiful nature existing here and impose an invasion of privacy on the existing neighborhood residents. In the past a 3 story commercial building was approved, however these were not tenants living in the space full time nor was it adding 76 plus more residents to an already overcrowded neighborhood. It also did not request changes to the zoning designation.

3f

5. **Builder/Developer Interest:** When the neighborhood went to the first planning meeting for this proposed construction at Maidu Community Center, we all voiced our concerns and discontent for this proposed construction. Asking the builder if the plans could be modified to meet the concerns of the existing residents, we were advised that if they even built one unit less on the lot, it wouldn't be financially viable for them. What this means is that the prospective financial opportunity for them if approved, means more than the existing community in Roseville that has long been established. It is very sad to see Roseville cater to the all mighty dollar rather than its residents that have worked together in this community to keep informed and watch out for on another. At what point does Roseville stop allowing developers and corporate interests to pave over all existing lots with nature existing on them. The whole neighborhood would love to see Roseville purchase this lot and save it from the greedy so the neighborhood can continue to enjoy it as we have since the 60's.

3g

6. **Property Values:** A Medium Density existing zoning structure ensures that anything approved in its current state, would mean that developments would encourage investment by buying into the neighborhood with a new home. High Density Attached Residential means problems and lowered property values.

3h

In closing, I would like to state that the builder/developer has used some very deceptive language and actions when representing this build to the community. Let's not be fooled by the deception and verbiage and let's look at the facts. I have two owned an operated rental properties that will be directly affected by this if approved and not in a positive fashion. I hope the City of Roseville and it's elected officials remember when reviewing this that we elect them in to office and we do so hoping they will protect our best interests, and keeps it's long standing residents in mind, not cave to the corporate economic process of the almighty dollar. If they forget to do so, please believe we won't when it comes to time to vote again. I have faith our city will do the right thing and deny these requested changes to the current zoning designations of this lot. We will be at the hearing fighting this one hundred percent along with the rest of the neighborhood on this Thursday, March 14th. We employ you to do the right thing for our neighborhood. Thank you so much for you time and consideration regarding this matter.

Kindest Regards,

Jason and Candace McNellis

Letter 4

Joan Stump Letter

From: joan stump <bstump7952@gmail.com>
Subject: Project 1650 Huntington Drive
Date: March 9, 2019 at 12:28:00 PM PST
To: lhocker@roseville.ca.us

When the ugly fence first went up around the property, I actually thought that the city was trying to keep vehicles off of the property so that residence would not have mud running down the street on Huntington. Little did we know.

I cannot tell you how discouraged and disappointed my husband and I are about the City's planned development of the property at 1650 Huntington. We were at the first meeting where the feeling for us was that the decision had already been made.

What's the point of asking for input?

The residents in this area have generally lived here for a long time, and many are original owners. We

have been in our home since 1984. I could go on about the negative aspects of the project, traffic, noise, loss of trees, loss of property value, but you've heard all of that. The sad thing to us is that it feels like you don't care.

Must be about money, that is what it has to be. Perhaps if one of the people on the committee making this decision had a family member in this area, there would have been a different outcome.

On the original document sent out to the residence there wasn't anything about affordable housing units, which was misleading. Anything else? I can't imagine that there will be enough parking for 298 units. Cars will be parked along the streets.

Just sad that the city cares little for it's citizens in the older neighborhoods.

Sadly, we are no longer proud to say that we live in Roseville, CA.

Joan and Barry Stump
1807 Queens Ct.
Roseville, CA 95661

Letter 5

Tony and Terese Meduri Letter

From: [Tony Meduri](#)
To: [Hocker, Lauren](#)
Subject: 1650 Huntington Drive project
Date: Wednesday, March 13, 2019 10:47:32 PM

Re: Lauren Hocker

From Tony and Terese Meduri

We own the property on 1636 Huntington Drive and we fully support the proposed adult apartment community project for the following reasons:

Aesthetically it will enhance not only our property but the entire neighborhood. Right now we see everyday a big hill with weeds and overgrown trees hanging over our fence;
a chain link rental fence adjacent our property in which recently homeless have cut a walk way through our side of which we called police to investigate.
The proposed community will fit the surrounding neighborhoods which have a large number of senior adult homeowners,

On a more critical note after going through my second winter of heavy rains our backyard is full of standing water because of water sliding down the hill and into our property and standing all around the edge of the foundation while it very slowly drains away in overflowing drains in the landscape, The standing water is damaging the landscape and damaged fences of which I recently had to replace. also not to mention the mosquito problem with all the standing water.
we had to have pest control heavily treat for roaches which were nesting in the old fence that I witnessed while was building the new replacement.

After talking to the neighbors along the same property line on Tanglewood Lane I found out they have been experiencing even worse with water entering under their homes in a couple cases and most of these owners have been living there 30 plus years and have raised families there

the proposed development calls for a drainage system and masonry wall along our shared property line which will resolve the aforementioned problems.
so I encourage you and the rest of your team to move forward with this attractive proposed project for benefit of my neighbors and I
According to my neighbors previous proposals have failed for various reasons, We believe this is the one that fits and needs to be approved

Your work and time is appreciated

Tony Meduri
Terese Meduri

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

Notice is hereby given that, as Lead Agency, the City of Roseville, Development Services Department, Planning Division has prepared an Initial Study leading to a Mitigated Negative Declaration for the project referenced below. This Mitigated Negative Declaration is available for public review and comment.

Project Title/File#: Infill Pcl 93 & 196—Huntington Senior Apartments; File # PL17-0247

Project Location: 1650 Huntington Drive; 048-260-030-000 and -032-000

Project Owner: Sayed and Talat Hussain

Project Applicant: Craig Miers, Craig Miers + George Scott Architects, LLP

Project Planner: Lauren Hocker, Senior Planner

Project Description: The project site is approximately 3.34 acres, and is bounded by Huntington Drive on the western side, Strauch Drive on the northern and northeastern sides, City-owned property on the eastern side, and single-family residences on the southern side. The applicant proposes to construct a multi-family, senior, age-restricted (55+) apartment complex consisting of ten apartment buildings, which would include 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the proposed 76 apartment units will be designated as affordable housing units. The proposed project would include single-story buildings and a clubhouse along the southern boundary of the site, adjacent to single-family residences, and two- and three-story buildings along Strauch Drive, on the northern and northeastern boundaries of the site.

Development of the proposed project would require a General Plan Amendment to change the land use designation of the site from Community Commercial and Medium Density Residential to High Density Residential, and a Rezone to change the zoning designation of the site from Planned Development 7 to Attached Housing (R3). It also requires a Design Review Permit to approve the site design and architecture, a Tree Permit to authorize the removal of oak trees, and a Lot Line Adjustment on the eastern side and northwestern corner of the site.

Document Review and Availability: The public review and comment period begins on February 8, 2019 and ends on March 11, 2019. The Mitigated Negative Declaration may be reviewed during normal business hours (8:00 am to 5:00 pm) at the Planning Division offices, located at 311 Vernon Street. It may also be viewed online at <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8774505>. **Written comments on the adequacy of the Mitigated Negative Declaration may be submitted to Lauren Hocker, Planning Division, 311 Vernon Street, Roseville, CA 95678, and must be received no later than 5:00 pm on March 11, 2019.**

This project will be scheduled for a public hearing before the City's Planning Commission. At this hearing, the Planning Commission will consider the Mitigated Negative Declaration and associated project entitlements. The tentative hearing date is March 14, 2019.

Greg Bitter
Planning Manager

Dated: February 5, 2019

Publish: February 8, 2019

INITIAL STUDY & ENVIRONMENTAL CHECKLIST

Project Title/File Number:	Huntington Senior Apartments, File # PL17-0247
Project Location:	1650 Huntington Drive, Roseville, Placer County, California Assessor's Parcel Number (APN): 048-260-030-000
Project Description:	The Project Applicant proposes to construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the proposed 76 apartment units would be designated as affordable housing units. The project also includes a lot line adjustment along the northwestern corner and southeastern edge of the project site. In addition, a Tree Permit would be required to remove up to ten onsite oak trees.
Project Applicant:	Craig Miers, Craig Miers + George Scott Architects, llp, 1624 Santa Clara Drive, Suite 230, Roseville, California 95661
Property Owner:	Dr. Sayed Hussain, MD, 729 Sunrise Avenue, Suite 604, Roseville, California 95661
Lead Agency Contact Person:	Lauren Hocker, Senior Planner, Phone (916) 774-5272

This Initial Study has been prepared to identify and assess the anticipated environmental impacts of the above described project application. The document relies on site-specific studies prepared to address in detail the effects or impacts associated with the Proposed Project (see **Attachments**). Where documents were submitted by consultants working for the Project Applicant, City staff reviewed such documents in order to determine whether, based on their own professional judgment and expertise, staff found such documents to be credible and persuasive. Staff has only relied on documents that reflect their independent judgment, and has not accepted at face value representations made by consultants for the Project Applicant.

This document has been prepared to satisfy the California Environmental Quality Act (CEQA), (Public Resources Code, Section 21000 *et seq.*) and the State CEQA Guidelines (14 CCR 15000 *et seq.*). CEQA requires that all State and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

The Initial Study (IS) is a public document used by the decision-making lead agency to determine whether a project may have a significant effect on the environment. If the lead agency finds substantial evidence that any aspect of the project, either individually or cumulatively, may have a significant effect on the environment, regardless of whether the overall effect of the project is adverse or beneficial, the lead agency is required to prepare an Environmental Impact Report (EIR). If the agency finds no substantial evidence that the project or any of its aspects may cause a significant effect on the environment, a Negative Declaration (Neg Dec) shall be prepared. If in the course of analysis, the agency recognizes that the project may have a significant impact on the environment, but that by incorporating specific mitigation measures to which the applicant agrees, the impact will be reduced to a less than significant effect, a Mitigated Negative Declaration (MND) shall be prepared.

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PROJECT DESCRIPTION

This section provides an overview of the Proposed Project and contains the information used to analyze potential impacts on environmental resources.

Project Location

The project site is located at 1650 Huntington Drive within the City of Roseville in Placer County, California on southern the corner of Strauch Drive and Huntington Drive and is located within Township 10 North, Range 7 East, Section 7 of the *Citrus Heights*, California U.S. Geological Service (USGS) 7.5-minute quadrangle map. The approximate location of the center of the project site is 38° 44' 32.459" North, 121° 15' 17.824" West (NAD 83, State Plane Zone II (**Figure 1**) (Project Site) (APN 048-260-030-000).

Environmental Setting

The Project Site encompasses approximately 3.34 acres and is owned by Dr. Sayed Hussain, MD. The Project Site is currently characterized as a vacant infill site south of Douglas Boulevard and west of Rocky Ridge Drive and is bounded on the north and west by Huntington Drive, on the east by Strauch Drive, and on the south by residential development. Land uses immediately surrounding the Project Site include single-family residential units to the south, duplex residential units to the west, a small area of undeveloped oak woodland to the northeast, and business development to the northwest and northeast, adjacent to the off-site oak woodland.

Project Site topography is generally undulating along the outside boundaries, giving rise to a large, mound in the center of the site composed of sandy soils dominated by non-native grasses. Elevations range from approximately 170 feet (52 meters) above mean sea level (MSL) in the southeast to 202 feet (60 meters) MSL in the center. A perennial drainage occurs approximately 40 feet to the east of the Project Site (off-site), running north to south and paralleling the southeastern boundary adjacent to Rocky Ridge Drive.

Historically the Project Site has been disturbed by off-road vehicle activity and unauthorized public access.

General Plan Land Use Designation and Zoning Designations

Per the *City of Roseville General Plan Land Use Element*¹ the current land use designation for the Project Site is Community Commercial (CC) and Medium Density Residential (MDR-8) (**Figure 2**). The Project Site is within the Infill Specific Plan area per the *City of Roseville Zoning Map*² and is within an area zoned as Planned Development (PD) (**Figure 3**). Adjacent land uses include CC, MDR-8, and Low Density Residential (LDR-3.8). Adjacent land uses and zoning are summarized below in **Table 1**.

Table 1 — City of Roseville Existing General Plan Land Use and Zoning

Location	Zoning	General Plan Land Use	Actual Use of Property
Project Site	PD7	CC and MDR-8	Undeveloped
North	PD7	CC	Strauch Drive, Rocky Ridge Plaza, and Douglas Boulevard
South	R1	LDR-3.8	Tanglewood Lane and single-family residential development
East	R1 / CC	LDR-3.8 and MDR-8	Rocky Ridge Drive and Commercial/Professional
West	PD7	CC and MDR-8	Huntington Drive, TJ Maxx Plaza, single-family residential, and duplex residential

¹ City of Roseville. 2017. *General Plan 2035 Land Use Map*, updated March 2017. Available online at: <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8853705>. [Accessed 1/10/18].

² City of Roseville. 2017. *Zoning Map*, updated March 2017. Available online at: https://www.roseville.ca.us/government/departments/development_services/planning/zoning_information/. [Accessed 1/11/18].

Proposed Project

The proposed project would construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking (**Figure 4**). Five of the proposed 76 apartment units would be designated as affordable housing units (Proposed Project).

The Proposed Project would include single-, two-, and three-story buildings. The single-story buildings along with a single-story community clubhouse are proposed along the southern boundary of the Project Site adjacent to existing single-family residences. The two and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza and would be staggered from Huntington Drive. The proposed building heights are summarized below in **Table 2**.

Table 2 — Summary of Building Elevation Heights

Elevation	North	East	West	South
One Story Elevation	17' 1"	19' 4 ½"	17' 1"	19' 4 ½"
Two Story Elevation	27' 5"	27' 5"	25' 2"	25' 2"
Three Story Elevation	34' 4"	34' 4"	36' 7"	36' 7"
Community Clubhouse	18' 1 ½"	18' 6 ½"	15' 10"	18' 6 ½"

The elevations of the buildings would be consistent with the California Ranch neighborhood by using materials that would consist of plaster/stone and heavy shingle profile materials. Sloping roof elements would consist of both hip and gables that blend in with the existing neighboring structures. Elevation profiles for the single, two, and three-story buildings including the community clubhouse are shown on **Figure 5** through **Figure 8**.

Community Clubhouse

The Proposed Project would include a community clubhouse for resident use and professional office space for property management along with amenities such as a mail room, gym facility, library, community room for group activities, kitchen, dog grooming, and restroom facilities. A paratransit stop would be located in front of the clubhouse for individuals with disabilities utilizing the Roseville American Disabilities Act (ADA) Paratransit Service.

Bio Retention Facilities

Development of the Proposed Project would attenuate storm water onsite. Project development would include several bio-retention facilities located adjacent to paved areas. The bio-retention facilities would include plantings to help retain and treat storm water runoff from impervious surfaces during high flow storm events. A 1,418 square-foot vegetative swale would be constructed adjacent to the project entrance along Strauch Drive. Trees would be planted in planter spaces throughout the site and in bio retention facilities and would include 31 California native trees.

Parking

The Proposed Project would include 89 parking spaces for residents and guests which would consist of nine accessible ADA-compliant spaces, two compact spaces, and 78 standard parking spaces. Runoff from the parking areas would be routed through bio-retention facilities prior to entering the City of Roseville storm drain system.

Landscaping

An outdoor garden would be located within the center of the complex along with a designated sitting area. Landscaping would consist of trees and shrubs, and other flora native to the area. Maximum consideration would be given to those plants that are drought resistant, and that require the least amount of maintenance. Two additional sitting areas would be located in the complex adjacent to housing and landscape areas.

Utilities

Project development would include trash enclosures and an elevator and elevator machine room. Lighting for safety, security, and public use would also be installed on the site (i.e. sconce lighting, pole lighting). Lighting design would comply with all local and state codes (e.g. Title 24).

Construction, Grading, and Staging

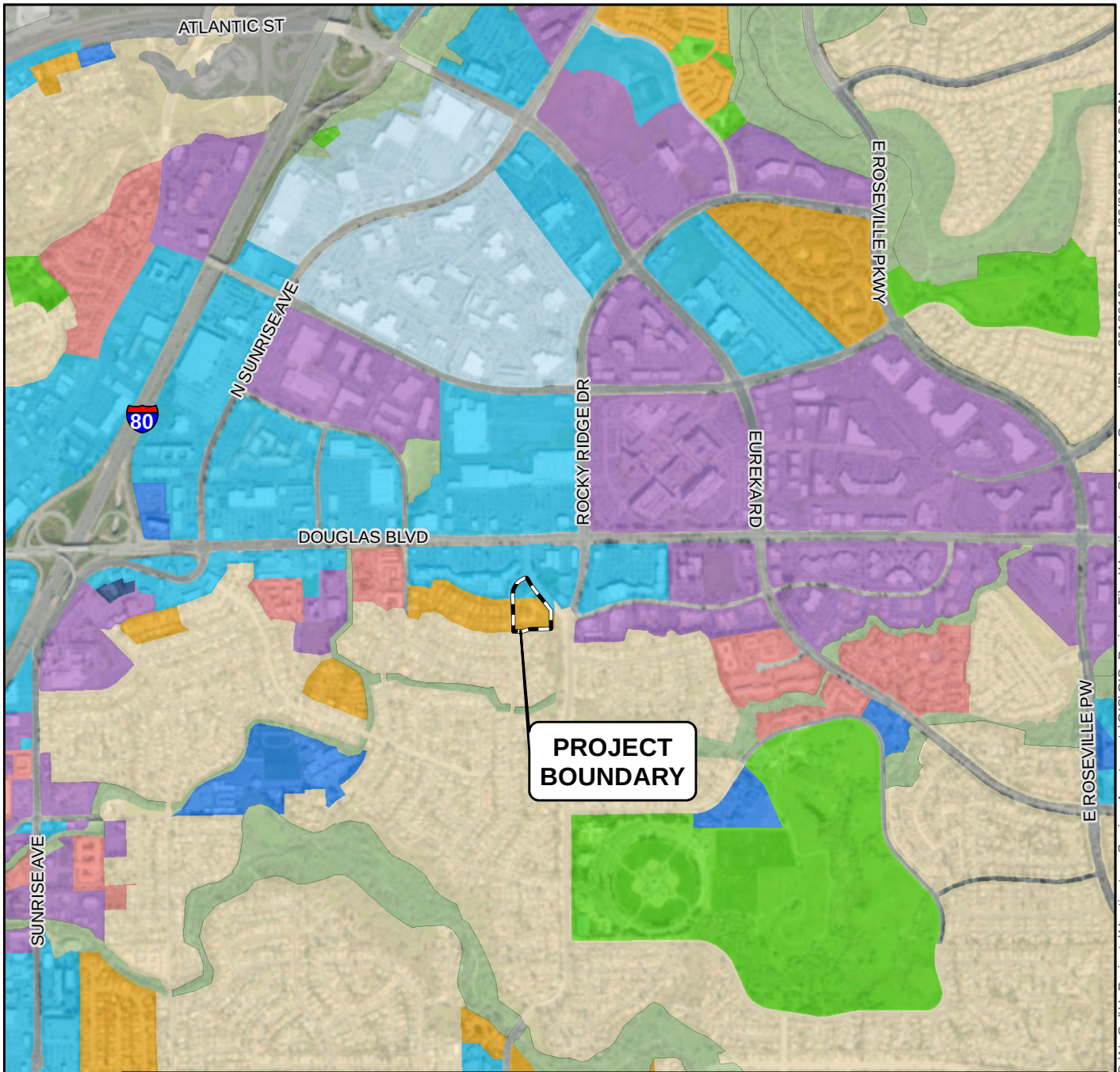
Project construction is planned to commence during summer 2019 and would involve a combination of standard types of construction equipment, including, but not limited to, backhoe/skiploader, grader, excavator, compactor/roller, asphalt paver, and trucks. All staging for construction equipment would occur on the Project Site. Proposed Project development would require leveling the site and exporting approximately 27,295 cubic yards of fill to an environmentally approved site with an approved Grading Plan within 50 miles of the Project Site.

The maximum elevation of the site is currently 202 feet MSL, and would be lowered to between 170 and 180 feet MSL. The highest point of the graded site would be at the corner of Strauch Drive and Huntington Drive, with the site gradually sloping down to the southern side of the site. The elevation of the three neighboring single-family properties to the south is between 167 feet MSL at Huntington Drive and gradually increasing to 177 feet MSL on the parcel closest to Rocky Ridge Drive. The Proposed Project elevation would closely match the existing grade of the adjacent single-family homes on Huntington Drive, but as proposed would gradually become lower than the adjacent residential properties. Low-level concrete masonry walls (approximately 2 to 2.5 feet in height) would be constructed to retain soils due to this grade difference. A concrete masonry wall (approximately 2.5 feet in height) would be included for a portion of Huntington Drive near Strauch Drive, because the site would be slightly higher than the roadway.

A 6-foot-high concrete masonry wall would be constructed along the southern project boundary adjacent to existing single-family residential and would be complimentary in color to the buildings.

Entitlements

Development of the Proposed Project would require a Rezone and General Plan Amendment to change existing CC and MDR land use designations to High Density Residential (HDR). As shown on **Figure 4**, a lot line adjustment is proposed along the northwestern corner and southeastern edge of the Project Site. The Proposed Project would also require a Design Review Permit to approve the site design and architecture and a Tree Permit for the removal of oak trees.

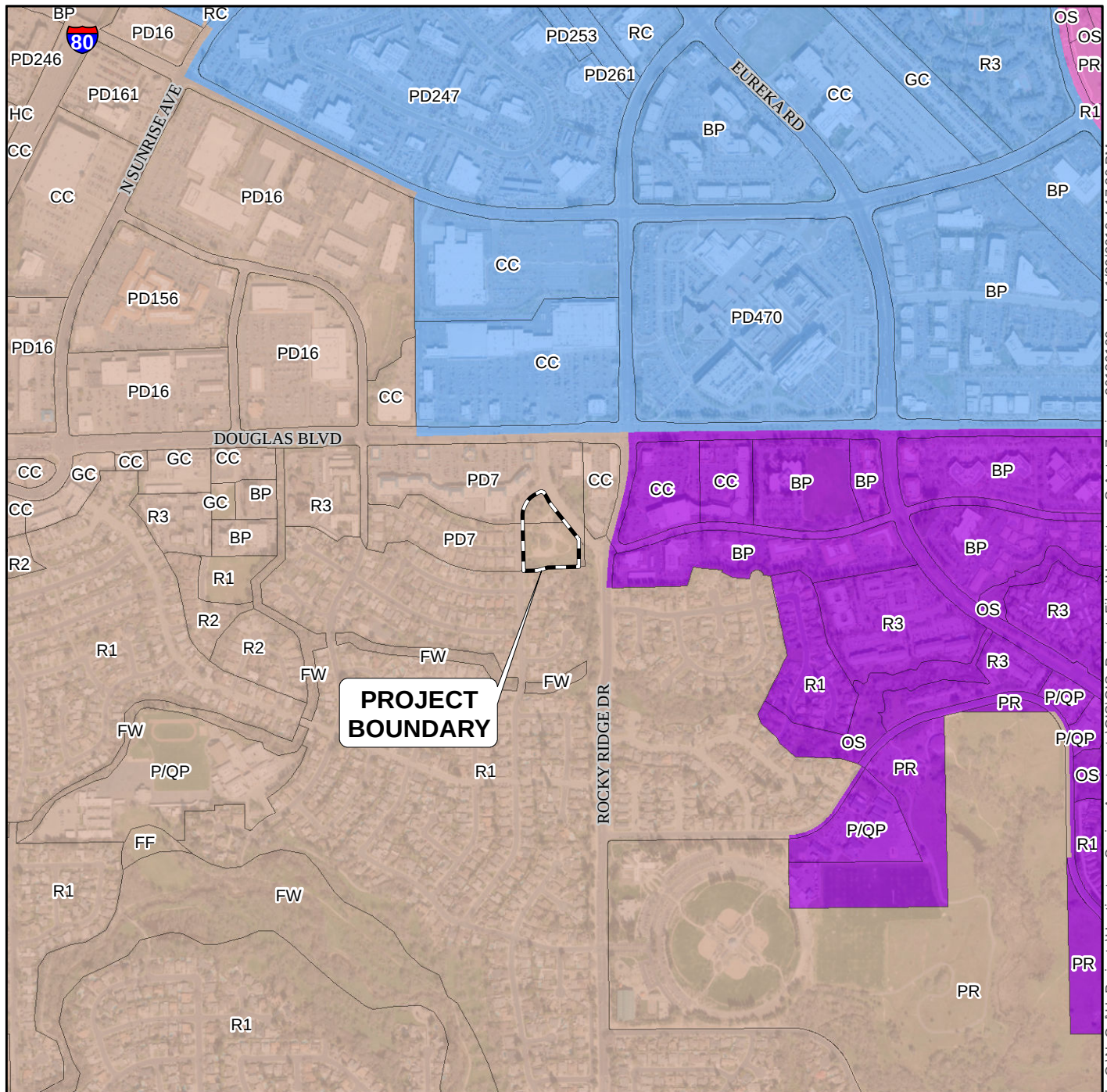


City of Roseville General Plan Land Use Designations

	Business Professional		Public/Quasi Public		Park
	Commercial		Industrial		Low Density Residential
	Regional Commercial		Light Industrial		Medium Density Residential
	Neighborhood Commercial		Open Space		High Density Residential

HUNTINGTON SENIOR APARTMENTS GENERAL PLAN LAND USE DESIGNATIONS





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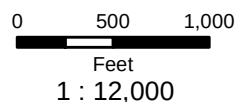
Specific Plan Areas

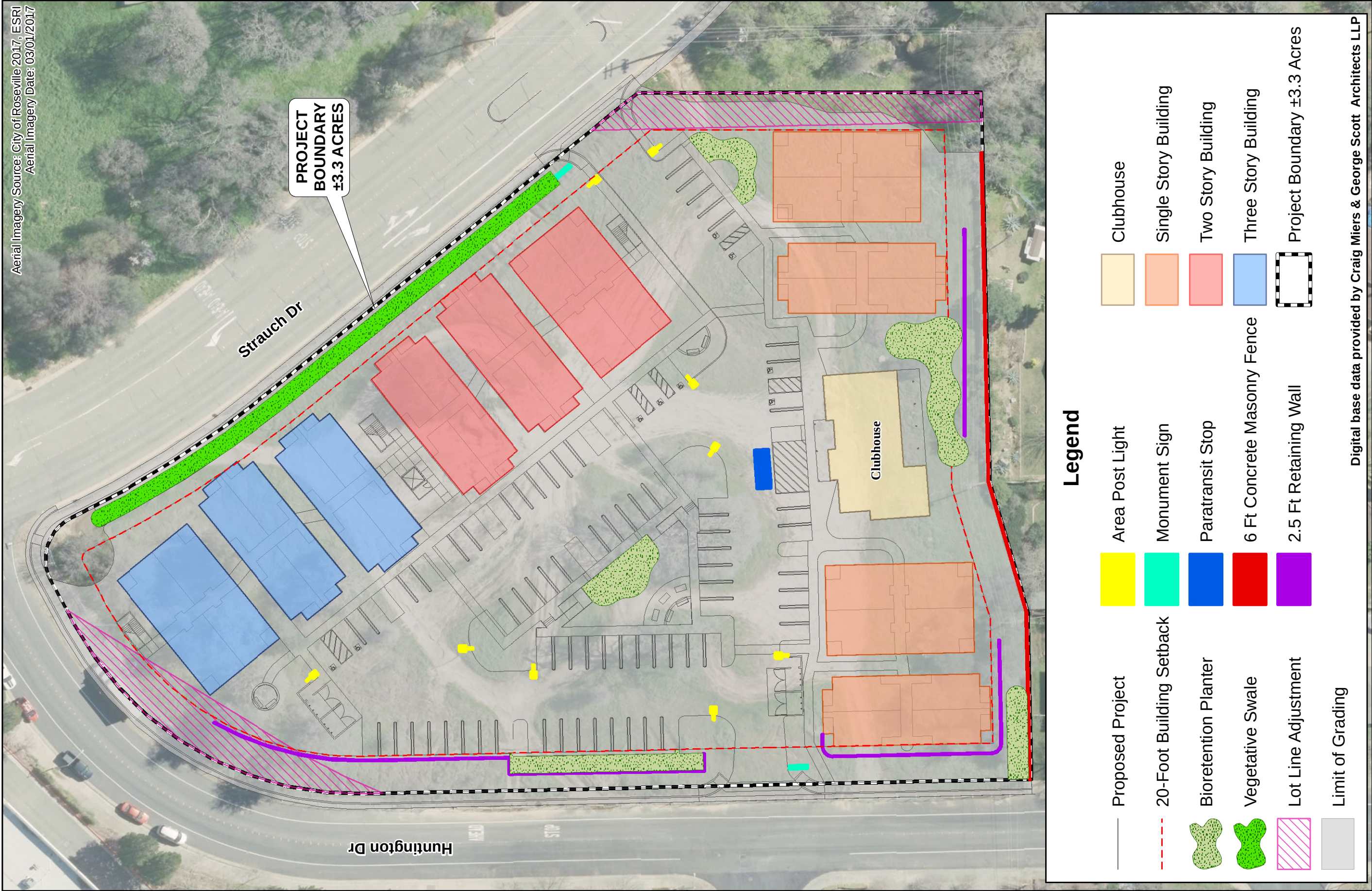
- Infill
- Northeast Roseville Specific Plan
- Southeast Roseville Specific Plan
- Stoneridge Specific Plan

City of Roseville Zoning

- | | |
|---|--|
| <p>Residential Zones</p> <ul style="list-style-type: none"> R1 Single Family Residential R2 Two-Family Residential RS Small Lot Residential R3 Attached Housing <p>Overlay/Special Purpose Zones</p> <ul style="list-style-type: none"> /SA Special Area /FW Floodway /FF Floodway Fringe /PD Planned Development | <p>Commercial Zones</p> <ul style="list-style-type: none"> BP Business Professional NC Neighborhood Commercial CC Community Commercial GC General Commercial HC Highway Commercial <p>Civic and Resource Protection Zones</p> <ul style="list-style-type: none"> PR Park and Recreation OS Open Space P/QP Public/Quasi-Public |
|---|--|

HUNTINGTON SENIOR APARTMENTS - ZONING



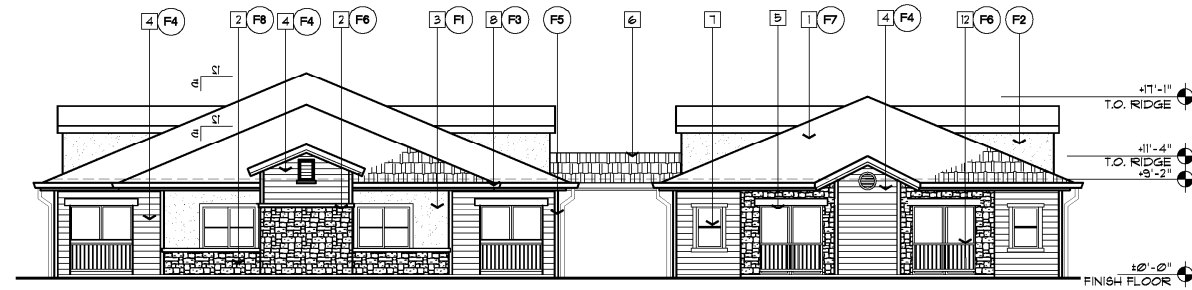


Legend

- | | | |
|--------------------------|-----------------------------|-----------------------------|
| Proposed Project | Area Post Light | Clubhouse |
| 20-Foot Building Setback | Monument Sign | Single Story Building |
| Bioretention Planter | Paratransit Stop | Two Story Building |
| Vegetative Swale | 6 Ft Concrete Masonry Fence | Three Story Building |
| Lot Line Adjustment | 2.5 Ft Retaining Wall | Project Boundary ±3.3 Acres |
| Limit of Grading | | |

Digital base data provided by Craig Miers & George Scott Architects LLP

HUNTINGTON SENIOR APARTMENTS - PROPOSED PROJECT



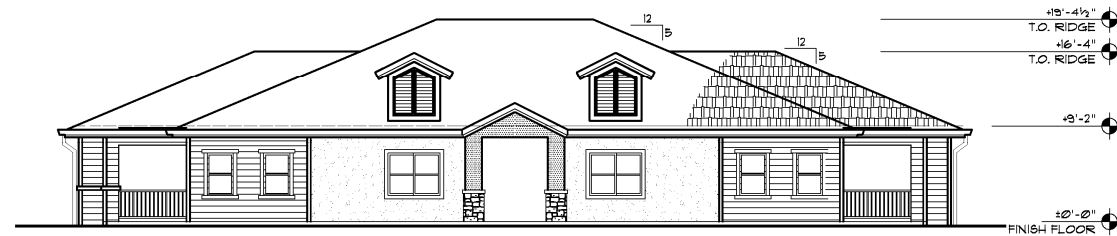
NORTH ELEVATION

KEYNOTES

- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
- 3 PLASTER SYSTEM
- 4 WOOD LAP SIDING
- 5 SLIDING DOOR
- 6 BREEZE WAY BETWEEN UNITS
- 7 WINDOW
- 8 METAL GUTTER
- 9 CLERESTORY ROOF ELEMENT
- 10 LOUVERS
- 11 WINDOW TRIM
- 12 METAL RAILING

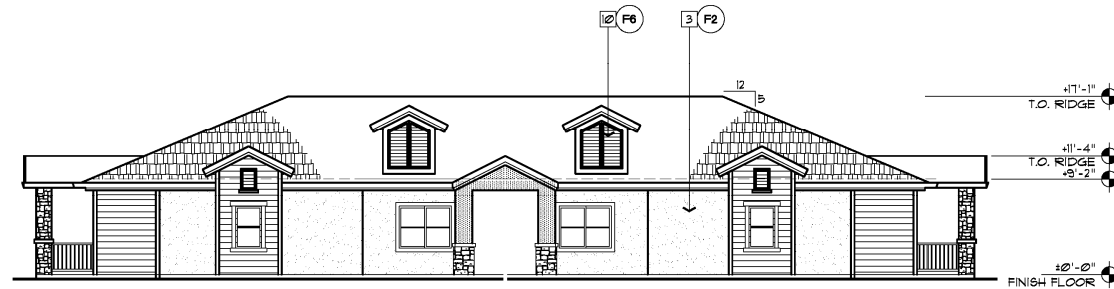
FINISH SCHEDULE

- F1 PLASTER MAIN BODY COLOR 'MESA TAN' SW 7635
 - F2 PLASTER MAIN BODY COLOR 'HONED SOAP STONE' SW 9126
 - F3 PLASTER MAIN BODY COLOR 'CITYSCAPE' SW 1061
 - F4 WOOD SIDING 'ANALYTICAL GRAY' SW 1051
 - F5 TRIM ACCENTS 'SHOU! WHITE' SW 1042
 - F6 METAL WORK 'BEALBKN' SW 7675
 - F7 DOORS 'DARK WALNUT' SW 6231
 - F8 STONE VENEER 'CULTURED STONE 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - F9 ROOFING 'CERTANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW - SHERWIN WILLIAMS



NOTE : FOR COLORS/ FINISHES REFER TO NORTH ELEVATION

EAST ELEVATION



NOTE : FOR COLORS/ FINISHES REFER TO NORTH ELEVATION

WEST ELEVATION



NOTE : FOR COLORS/ FINISHES REFER TO NORTH ELEVATION

SOUTH ELEVATION

HUNTINGTON SENIOR APARTMENTS — ONE STORY ELEVATIONS



WEST ELEVATION

- ### KEYNOTES
- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
 - 2 STONE
 - 3 PLASTER SYSTEM
 - 4 WOOD LAP SIDING
 - 5 SLIDING DOOR
 - 6 BREEZEWAY # UNITS
 - 7 WINDOW
 - 8 METAL GUTTER/ DOWNSPOUT
 - 9 BRIDGE BETWEEN UNITS
 - 10 BALCONY RAIL
 - 11 METAL RAILING
 - 12 CLERESTORY ROOF ELEMENT
 - 13 LOUVERS
 - 14 WINDOW TRIM

FINISH SCHEDULE

- F1 PLASTER MAIN BODY COLOR 'MESA TAN' SW 1695
 - F2 PLASTER MAIN BODY COLOR 'HONED SOAP STONE' SW 9126
 - F3 PLASTER MAIN BODY COLOR 'CITYSCAPE' SW 1061
 - F4 WOOD SIDING 'ANALYTICAL GRAY' SW 1051
 - F5 TRIM ACCENTS 'SHOUJI WHITE' SW 1042
 - F6 METAL WORK 'SEALSKIN' SW 1615
 - F7 DOORS 'DARK WALNUT' SW 6231
 - F8 STONE VENEER CULTURED STONE 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - F9 ROOFING 'CERTIANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS



NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION

HUNTINGTON SENIOR APARTMENTS — TWO STORY ELEVATIONS



KEYNOTES

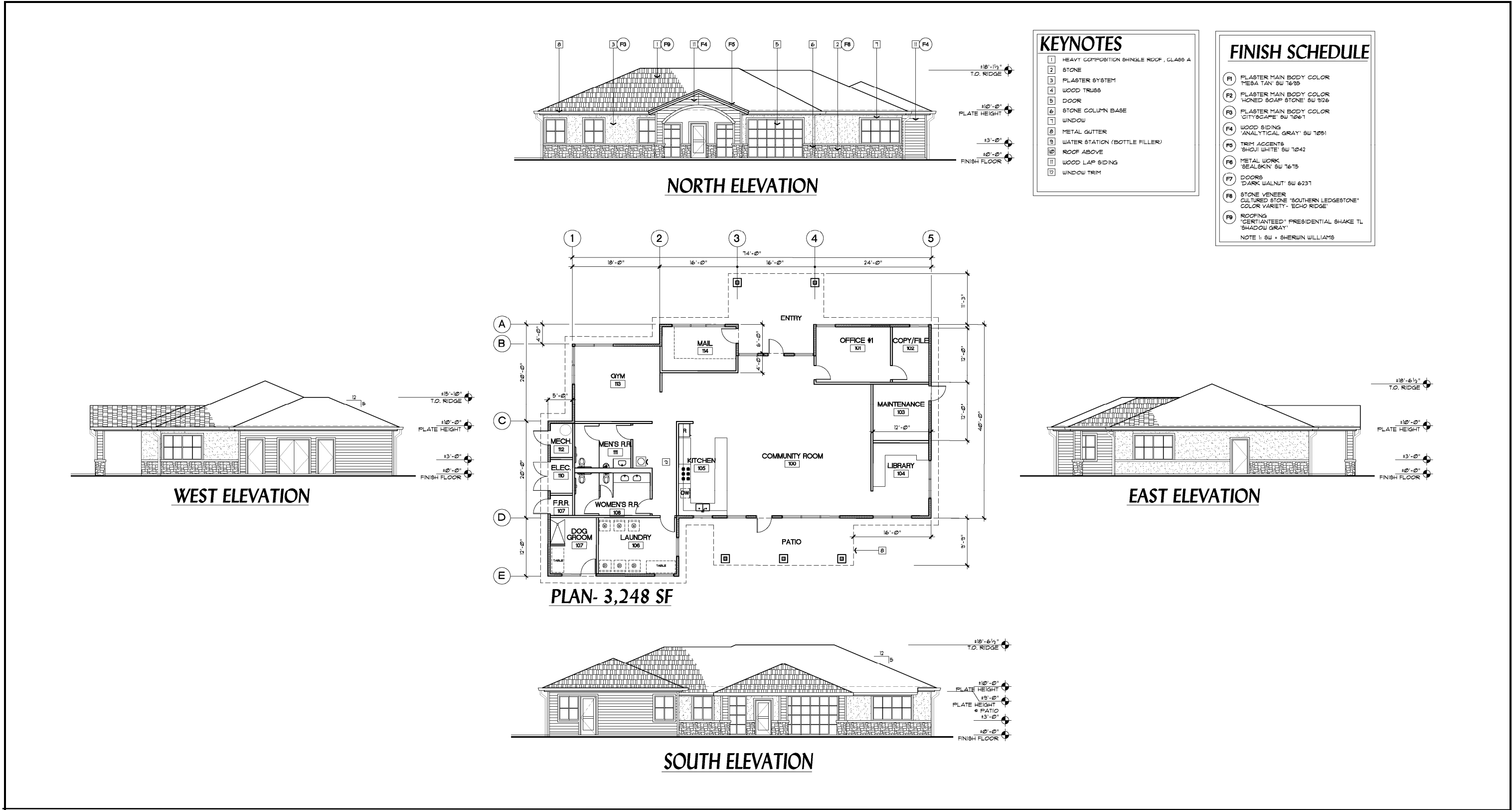
- 1 HEAVY COMPOSITION SHINGLE ROOF, CLASS A
- 2 STONE
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- 5 SLIDING DOOR
- 6 BREEZEWAY # UNITS
- 7 WINDOW
- 8 METAL GUTTER/ DOWNSPOUT
- 9 BRIDGE BETWEEN UNITS
- 10 BALCONY RAIL
- 11 METAL RAILING
- 12 CLERESTORY ROOF ELEMENT
- 13 LOUVERS
- 14 WINDOW TRIM

FINISH SCHEDULE

- F1 PLASTER MAIN BODY COLOR 'MESA TAN' SW 1695
 - F2 PLASTER MAIN BODY COLOR 'HONED SOAP STONE' SW 9126
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 - F8 STONE VENEER CULTURED STONE 'SOUTHERN LEDGESTONE' COLOR VARIETY - 'ECHO RIDGE'
 - F9 ROOFING 'CERTANTEED' PRESIDENTIAL SHAKE TL 'SHADOW GRAY'
- NOTE 1: SW = SHERWIN WILLIAMS



HUNTINGTON SENIOR APARTMENTS — THREE STORY ELEVATIONS



HUNTINGTON SENIOR APARTMENTS — COMMUNITY CLUBHOUSE ELEVATIONS

CITY OF ROSEVILLE MITIGATION ORDINANCES, GUIDELINES, AND STANDARDS

The City of Roseville (City) adopted CEQA Implementing Procedures (Implementing Procedures) in April 2008, along with Findings of Fact, as Resolution 08-172. The below regulations and ordinances were found to provide uniform mitigating policies and standards, and are applicable to development projects. The City's Mitigating Policies and Standards are referenced, where applicable, in the IS Checklist:

- City of Roseville 2035 General Plan
- City of Roseville Zoning Ordinance (RMC Title 19)
- City of Roseville Improvement Standards (Resolution 02-37)
- City of Roseville Construction Standards (Resolution 01-208)
- Subdivision Ordinance (RMC Title 18)
- Noise Regulation (RMC Ch.9.24)
- Flood Damage Prevention Ordinance (RMC Ch.9.80)
- Drainage Fees (Dry Creek [RMC Ch.4.49] and Pleasant Grove Creek [RMC Ch.4.48])
- West Placer Stormwater Quality Design Manual (Resolution 16-152)
- Urban Stormwater Quality Management and Discharge Control Ordinance (RMC Ch. 14.20)
- Traffic Mitigation Fee (RMC Ch.4.44)
- Highway 65 Joint Powers Authority Improvement Fee (Resolution 2008-02)
- South Placer Regional Transportation Authority Transportation and Air Quality Mitigation Fee (Resolution 09-05)
- Tree Preservation Ordinance (RMC Ch.19.66)
- Community Design Guidelines (Resolution 95-347)

EXPLANATION OF INITIAL STUDY CHECKLIST

The CEQA Guidelines recommend that lead agencies use an IS Checklist to determine potential impacts of the Proposed Project on the physical environment. The IS Checklist provides a list of questions concerning a comprehensive array of environmental issue areas potentially affected by the Proposed Project. This section of the IS incorporates a portion of Appendix G Environmental Checklist Form, contained in the CEQA Guidelines. Within each topical section (e.g. Air Quality) a description of the setting is provided, followed by the checklist responses, thresholds used, and finally a discussion of each checklist answer.

There are four (4) possible answers to the Environmental Impacts Checklist on the following pages. Each possible answer is explained below:

1. A **“Potentially Significant Impact”** is appropriate if there is enough relevant information and reasonable inferences from the information that a fair argument based on substantial evidence can be made to support a conclusion that a substantial, or potentially substantial, adverse change may occur to any of the physical conditions within the area affected by the project. When one or more “Potentially Significant Impact” entries are made, an EIR is required.
2. A **“Less Than Significant with Mitigation”** answer is appropriate when the lead agency incorporates mitigation measures to reduce an impact from “Potentially Significant” to “Less than Significant.” For example, floodwater impacts could be reduced from a potentially significant level to a less than significant level by relocating a building to an area outside of the floodway. The Lead Agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level. Mitigation measures are identified as MM followed by a number.
3. A **“Less Than Significant Impact”** answer is appropriate if there is evidence that one or more environmental impacts may occur, but the impacts are determined to be “Less Than Significant”, or the application of development policies and standards to the project will reduce the impact(s) to a less than significant level. For instance, the application of the City’s Improvement Standards reduces potential erosion impacts to a less than significant level.
4. A **“No Impact”** answer is appropriate where it can be demonstrated that the impact does not have the potential to adversely affect the environment. For instance, a project in the center of an urbanized area with no agricultural lands on or adjacent to the project area clearly would not have an adverse effect on agricultural resources or operations. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources cited in the IS. Where a “No Impact” answer is adequately supported by the information sources cited in the IS, further narrative explanation is not required. A “No Impact” answer is explained when it is based on project-specific factors as well as generous standards.

All answers must take account of the whole action involved, including off- and on-site, indirect, direct, construction, and operation impacts, except as provided for under State CEQA Guidelines.

INITIAL STUDY CHECKLIST

I. Aesthetics

The Proposed Project would construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings with associated parking, landscaping, and lighting. The Proposed Project would include single-, two-, and three-story buildings. The single-story buildings along with a single-story community clubhouse are proposed along the southern boundary of the Project Site adjacent to existing single-family residences. The two- and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza and would be staggered from Huntington Drive. The proposed building heights for the one-story elevations would not exceed 19' 4 1/2" at the top of ridge, two-story elevations would not exceed 27' 5" at the top of ridge, and three-story elevations would not exceed 36' 7" at the top of ridge. Single-family residences, such as the ones in the vicinity, are typically 15 to 20 feet tall at the top of ridge for a single-story dwelling, and are permitted by the City Zoning Ordinance to be up to 35 feet tall.

The elevations of the buildings would be consistent with the California Ranch neighborhood by using materials that would consist of plaster/stone and heavy shingle profile materials. Sloping roof elements would consist of both hip and gables that blend in with the existing neighboring structures. Elevation profiles for the single-, two-, and three-story buildings including the community clubhouse are shown on **Figure 5** through **Figure 8**.

The Proposed Project would include a six-foot high masonry wall along the southern boundary of the Project Site and 20-foot wide building setback with landscape buffers along the northern and western project boundary where the property fronts public streets. Low-level concrete masonry walls (approximately 2 to 2.5 feet in height) would be constructed within the 20-foot setback.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☒	☐
d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

The significance of an environmental impact cannot always be determined through the use of a specific, quantifiable threshold. CEQA Guidelines Section 15064(b) affirms this by the statement "an ironclad definition of significant effect is not always possible because the significance of an activity may vary with the setting." This is particularly true of aesthetic impacts. As an example, a proposed parking lot in a dense urban center would have markedly different visual effects than a parking lot in an open space area. For the purpose of this IS, the

significance thresholds are as stated in CEQA Guidelines Appendix G, as shown in a) through d) of the checklist above. The Findings of the Implementing Procedures indicate that compliance with the Zoning Ordinance (e.g. building height, setbacks, etc.), Subdivision Ordinance (RMC Ch. 18), Community Design Guidelines (Resolution 95-347), and applicable General Plan Policies and/or Community Design Guidelines would prevent significant impacts in urban settings as it relates to items a, b, and c, below.

Discussion of Checklist Answers:

- a, b) **No Impact.** The Proposed Project would result in the development of a multi-family, senior, age restricted (55+) apartment complex. There are no designated or eligible scenic vistas or scenic highways within or adjacent to the City of Roseville. Therefore, **no impact** would result from implementation of the Proposed Project.
- c) **Less Than Significant Impact.** Aesthetic impacts are a function of several factors: the visual quality of the Project Site itself, the visual quality of the surrounding view shed, the sensitivity of viewers to changes in the view, and the number of viewers affected by the change. The visual quality of a site is based on the degree to which it is striking or makes a visual impression, is unobstructed or unaffected by encroachments, and is visually unified within the site and compatible with its surroundings.

The Project Site is in an urban setting and is currently characterized as a vacant infill site. Project Site topography is generally undulating along the outside boundaries, giving rise to a large mound in the center of the Project Site. The mound is mostly screened from view by trees along Rocky Ridge Drive and buildings on Douglas Boulevard, so it is only routinely viewed by drivers passing by on Strauch Drive or Huntington Drive (both low-volume roadways) and the people living adjacent to the Project Site. Passersby tend to be less affected by visual changes, because their views are transitory, while people living near a site are more strongly affected, because the views may feel integral to their property. Since the primary viewer group consists of residents living in the neighborhood, the number of viewers in this group is relatively small, although the sensitivity of those viewers is high. The residents who live adjacent to or across from the Project Site on Tanglewood Lane and Huntington Drive have views of the Project Site from their residences, and would therefore be the most affected.

The two most prominent visual characteristics of the Project Site are the topography and large, mature oak trees. The mound is 30-35 feet higher than the surrounding properties, and the height combined with the 55-foot-tall oak tree growing on the hilltop make this Project Site striking. However, one of the main reasons the Project Site is so distinctive is that it stands in contrast to its surroundings. The Project Site is not cohesive, unified, or consistent with the surrounding development, because the Project Site was not planned to be open space; there is no transition of the interface between the Project Site and its urban setting. The Project Site is bordered by two roadways with unimproved dirt shoulders, telephone poles and lines along the eastern and southern boundaries, street signs and signals at the adjacent roadway intersections, commercial development to the north and east, and single-family residences to the south and west. The Project Site itself has also been disturbed by off-road vehicle activity and illegal dumping, and while vegetation has re-established in the disturbed areas in the last few years, due to the Project Site being fenced with a 6-foot chain link to prevent unauthorized public access. The combination of all these factors leads to the conclusion that while the Project Site is visually striking, the Project Site and surroundings are not visually unified and contain substantial visual encroachments. An image of the Project Site taken from the northwestern corner of Huntington Drive and Kent Street is included as **Figure 9**.



Description: Looking east towards the project site from the northwestern corner of Huntington Drive and Kent Street.

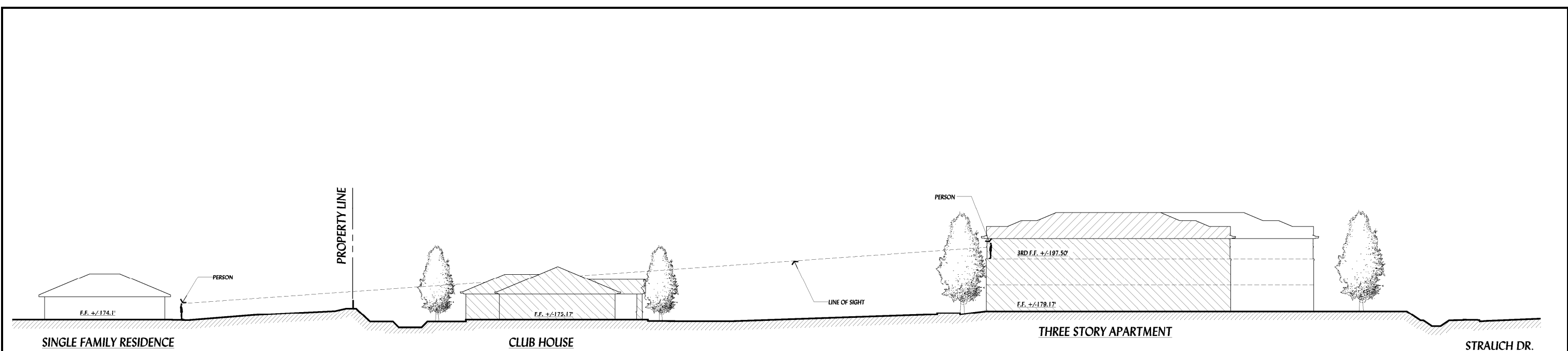
HUNTINGTON SENIOR APARTMENTS — REPRESENTATIVE SITE PHOTOGRAPH

To assess the visual impacts to viewers across Huntington Drive from the Project Site and within the court on Tanglewood Lane, two line of sight drawings were created (**Figure 10**). As shown on **Figure 10**, residents standing within the rear yards of residences adjacent to the Project Site's southern property line would be able to see the single-story buildings, but would not be able to see the proposed multiple-story buildings farther north; likewise, residents standing on the balconies of the proposed three-story buildings in Project Site would not be able to see into the backyards of the adjacent residences to the south of the Project Site. The height of the proposed single-story buildings are similar to the height of the existing single-story residences in the neighborhood. Therefore, the views in these yards would no longer include the existing mound and oak trees, but would be similar to the views experienced by neighbors whose rear yards abut another single-family residence.

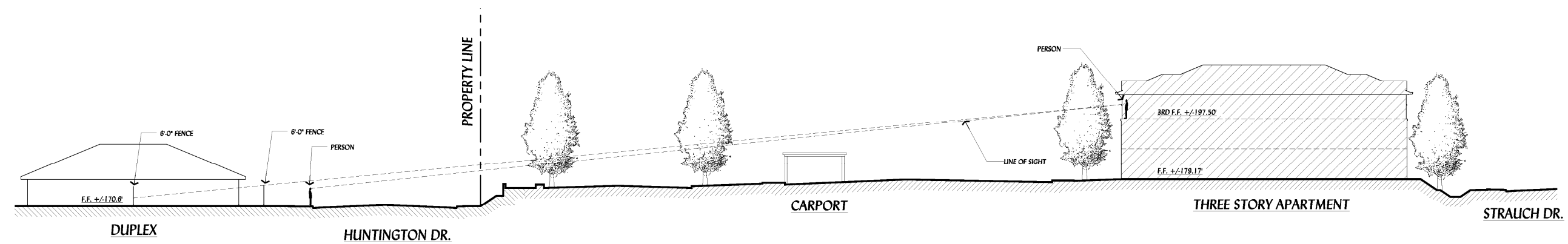
As shown on **Figure 10**, residents on Huntington Drive would be able to see all of the proposed buildings on the Project Site, at a distance of approximately 150 feet from the western side of Huntington Drive to the wall of the nearest multi-story building. In the existing condition, the mound is approximately 35 feet taller than the grade of the nearest residence on the western side of Huntington Drive, and the mound plus the central tree is approximately 80 feet in height. The existing mound and trees block views of any areas farther to the east. After construction, this would remain the case. The peak height of the three-story building would be 37 feet above grade, and 45 feet above the grade of the nearest residence on the western side of Huntington Drive. The floor of the third story would be 18 feet above grade and 28 feet above grade of the nearest residence on the western side of Huntington Drive. The backyard of the nearest residence has a flat portion, and then the back of the yard slopes steeply upward. The evaluation was based on the flat, usable portion of the yard. **Figure 10** shows that viewers on the newly constructed balconies would be able to see people if both the viewer and the person in the backyard are standing, but would not be able to see if either is seated, and would not be able to see into any other yards. Once landscaping trees on the frontage of the Project Site and within the parking lot have established, this view would be blocked.

The City has adopted Community Design Guidelines for the purpose of creating building and community designs which are a visual asset to the community. The Community Design Guidelines includes guidelines for building design, site design, and landscape design, which would result in a project that enhances the existing urban visual environment. The Proposed Project would be constructed in conformance with the Community Design Guidelines and City standards and requirements. Specifically, the buildings themselves would include variation in colors, materials, and architecture, so that they are a visually engaging and vibrant addition to the neighborhood.

The Proposed Project has been designed to integrate into surrounding land uses, including completing the sidewalks along the property frontages, implementing detailed landscape plans which include flowering plants and shrubs along the frontages to create a seasonal and attractive streetscape, and planting 31 native oak trees for screening and shade. Many of these trees would be planted on the property frontages, where they would be part of the neighborhood viewshed. While the project would reduce the degree to which the site is striking, it would nonetheless be visually interesting and attractive, and would also be unified with surrounding land uses, and would therefore result in the removal of existing encroachments such as the unimproved dirt/gravel shoulders. Therefore, implementation of the Proposed Project would not substantially degrade the existing visual character or quality of the Project Site and its surroundings, and a ***less than significant impact*** would result from implementation of the Proposed Project.



SITE PROFILE SECTION 2



SITE PROFILE SECTION 1

HUNTINGTON SENIOR APARTMENTS — SITE CROSS SECTIONS

 FOOTHILL ASSOCIATES ENVIRONMENTAL CONSULTING • PLANNING • LANDSCAPE ARCHITECTURE	Digital Data Provided by: Craig Miers + George Scott Architects, LLP January 2, 2018	NOT TO SCALE	Layout By: CTGH Date: 1/29/19	FIGURE 10
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- d) **Less Than Significant Impact.** The project involves nighttime lighting to provide for the security and safety of residents. However, the project is already located within an urbanized setting with many existing lighting sources. Lighting is conditioned to comply with City standards (i.e. Community Design Guidelines) to limit the height of light standards and to require cut-off lenses and glare shields to minimize light and glare impacts, and prevent any light trespass from the Project Site onto surrounding properties. The Proposed Project would not create a new source of substantial light. None of the project elements are highly reflective, and thus the Proposed Project would not contribute to an increased source of glare. Although lighting would remain on overnight, sources of light would be designed to only illuminate the walking surfaces of the Proposed Project, avoiding any light beyond the Project Site. Therefore, impacts resulting from implementation of the Proposed Project are anticipated to be ***less than significant***.

Mitigation Measures

No mitigation is required.

II. Agricultural & Forestry Resources

The State Department of Conservation oversees the Farmland Mapping and Monitoring Program, which was established to document the location, quality, and quantity of agricultural lands, and the conversion of those lands over time. The primary land use classifications on the maps generated through this program are: Urban and Built Up Land, Grazing Land, Farmland of Local Importance, Unique Farmland, Farmland of Statewide Importance, and Prime Farmland. According to the current California Department of Conservation Placer County Important Farmland Map (2016),³ the majority of the City is designated as Urban and Built Up Land and most of the open space areas of the City are designated as Grazing Land. There are a few areas designated as Farmland of Local Importance and two small areas designated as Unique Farmland located on the western side of the City along Baseline Road. The current Williamson Act Contract map (2015/2016) produced by the Department of Conservation shows that there are no Williamson Act contracts within the City, and only one (on PFE Road) that is adjacent to the City.⁴ None of the land within the City is considered forest land by the California Board of Forestry and Fire Protection.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

Unique Farmland, Farmland of Statewide Importance, and Prime Farmland are called out as protected farmland categories within CEQA Guidelines Appendix G. Neither the City nor the State has adopted quantified significance thresholds related to impacts to protected farmland categories or to agricultural and forestry

³ California Department of Conservation, Division of Land Resource Protection. 2016. *Farmland Mapping and Monitoring Program: 2016 Field Report* [for] Placer County. Available online at: <http://www.conservation.ca.gov/dlrp/fmmp/Pages/Placer.aspx>. [Accessed 03/05/18].

⁴ California Department of Conservation, Division of Land Resource Protection. 2016. *Placer County Williamson Act FY2015/2016*. Available online at: ftp://ftp.consrv.ca.gov/pub/dlrp/wa/Placer_w_15_16_WA.pdf. [Accessed 03/05/18].

resources. For the purpose of this IS, the significance thresholds are as stated in CEQA Guidelines Appendix G, as shown in a) through e) of the checklist above.

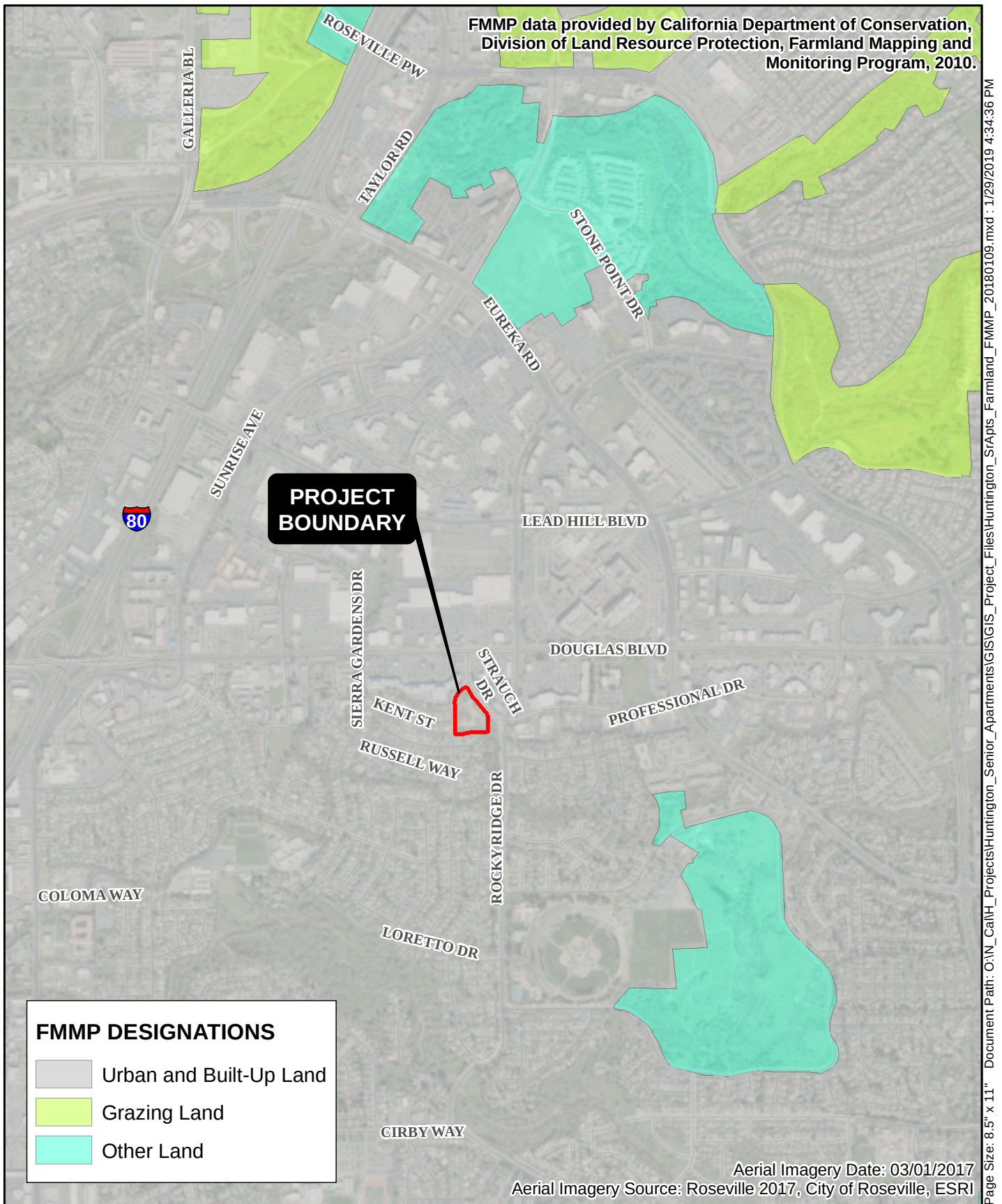
Discussion of Checklist Answers:

- a–e) **No Impact.** The Project Site is not used for agricultural purposes, does not include agricultural zoning, is not within or adjacent to one of the areas of the City designated as a protected farmland category on the Placer County Important Farmland Map, is not within or adjacent to land within a Williamson Act Contract, and is not considered forest land (**Figure 11**). Therefore, **no impact** would result from the development of the Proposed Project related to agricultural and forestry resources and no mitigation is required.

Mitigation Measures

No mitigation is required.

FMMP data provided by California Department of Conservation,
Division of Land Resource Protection, Farmland Mapping and
Monitoring Program, 2010.



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HUNTINGTON SENIOR APARTMENTS - FARMLAND



III. Air Quality

The City, along with the southern Placer County, is located in the Sacramento Valley Air Basin (SVAB). The SVAB is within the Sacramento Federal Ozone Non-Attainment Area. Under the Clean Air Act (CAA), Placer County has been designated a "serious non-attainment" area for the federal eight-hour ozone standard, "non-attainment" for the State ozone standard, and a "non-attainment" area for the federal and State PM₁₀ (particulate matter less than 10 microns in diameter) standard. Within Placer County, the Placer County Air Pollution Control District (PCAPCD) is responsible for ensuring that emission standards are not violated.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☐	☒	☐
c) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	☐	☐	☒	☐
d) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
e) Create objectionable odors affecting a substantial number of people?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

In responding to checklist items, a), b), and d), project-related air emissions would have a significant effect if they would result in concentrations that either violate an ambient air quality standard or contribute to an existing air quality violation. To assist in making this determination, the PCAPCD adopted thresholds of significance, which were developed by considering both the health-based ambient air quality standards and the attainment strategies outlined in the State Implementation Plan (SIP). The PCAPCD-recommended significance threshold for reactive organic gases (ROG) and nitrogen oxides (NO_x) is 82 pounds daily during construction and 55 pounds daily during operation, and for particulate matter (PM) is 82 pounds per day during both construction and operation. For all other constituents, significance is determined based on the concentration-based limits in the federal and State Ambient Air Quality Standards. Toxic Air Contaminants (TAC) are also of public health concern, but no thresholds or standards are provided because they are considered to have no safe level of exposure. Analysis of TAC is based on the *Air Quality and Land Use Handbook – A Community Health Perspective* (April 2005, California Air Resources Board), which lists TAC sources and recommended buffer distances from sensitive uses. For checklist item c), the PCAPCD's *CEQA Air Quality Handbook* (Handbook) recommends that the same thresholds used for the project analysis be used for the cumulative impact analysis.

With regard to checklist item e), there are no quantified significance thresholds for exposure to objectionable odors. Significance is determined after taking into account multiple factors, including screening distances from odor sources (as found in the PCAPCD CEQA Handbook), the direction and frequency of prevailing winds, the time of day when odors are present, and the nature and intensity of the odor source.

Discussion of Checklist Answers:

- a, b) **Less Than Significant Impact.** Analyses are not included for sulfur dioxide, lead, and other constituents because there are no mass emission thresholds; these are concentration-based limits in the Federal and State Ambient Air Quality Standards which require substantial, point-source emissions (e.g. refineries, concrete plants, etc.) before exceedance would occur, and the SVAB is in attainment for these constituents. The PCAPCD has established significance thresholds for emissions of ozone precursors ROG, NO_x, and PM₁₀. The discussions below focus on ozone emissions of ROG, NO_x, and PM. A project-level analysis has been prepared to determine whether the Proposed Project would, on a singular level, exceed the established thresholds.

KD Anderson & Associates, Inc. prepared an Air Quality Study (**Attachment 2**) for the Proposed Project. The Proposed Project's short-term construction related and long-term operational emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.1, as recommended by the PCAPCD. Construction was assumed to take place between August 2019 and August 2020. No wood-burning fireplaces would be included as part of the Proposed Project. Proposed Project development would require leveling the Project Site and exporting approximately 30, 672 cubic yards of fill to an environmentally approved site with an approved Grading Plan within 50 miles of the Project Site. The removal and transport of onsite earthen materials is expected to involve the use of a Caterpillar 966 Front End Loader and material transport trucks with a 24 cubic yard capacity.

Construction operations such as grading, excavation and travel on unpaved surfaces would generate dust, and can lead to elevated concentrations of PM₁₀ and PM_{2.5}. The operation of construction equipment results in exhaust emissions. A substantial portion of the construction equipment is powered by diesel engines, which produce relatively high levels of NO_x emissions. Construction activity could also potentially entertain naturally occurring asbestos (NOA), if present in the soil. However, a screening-level assessment for NOA indicates the Project Site is approximately 5.6 miles from areas considered to have elevated risk of NOA being present.

Long-term operation of the Proposed Project has the potential to have an effect on air quality by generating vehicle trips, by resulting in on-site activities (e.g., use of landscaping equipment), and by locating sensitive receptors in the vicinity of air pollutant emissions sources.

CalEEMod results are provided below in **Table 3**. As shown, the Proposed Project's maximum unmitigated construction-related and operation-related emissions would remain below the applicable thresholds of significance.

Table 3 — CalEEMod Results

Pollutant	Project Emissions (pounds per day)	Significance Threshold (pounds per day)	Exceeds Threshold?
Maximum Construction Emissions			
ROG	74.39	82	No
NO _x	66.99	82	No
PM ₁₀	12.36	82	No
Maximum Operational Emissions			
ROG	2.77	55	No
NO _x	4.19	55	No
PM ₁₀	1.72	82	No

The Proposed Project's construction and operational emissions would not exceed the applicable threshold of significance. In addition, the Proposed Project must comply with all applicable PCAPCD rules and regulations. Therefore, the Proposed Project would not substantially contribute to the region's non-attainment status for ozone or PM and implementation of the Proposed Project would not violate an air quality standard or contribute to an existing or projected air quality violation. In addition, because the Proposed Project would not produce substantial emissions of criteria air pollutants, adjacent residents and businesses would not be exposed to significant levels of pollutant concentrations during construction or long-term operation of the Proposed Project. Therefore, implementation of the Proposed Project would result in **less than significant impacts**. No mitigation is required.

- c) **Less Than Significant Impact.** As described in checklist items a–b, the Proposed Project would not contribute significant project-level criteria air pollutant emissions (ROG, NO_x, and PM₁₀). Cumulative-level estimates of long-term operational criteria pollutant emissions are presented in **Table 4**.

Table 4 — Operational Cumulative-Level Criteria Pollutant Emissions

Pollutant	Project-Related Emissions	Operational Phase Cumulative-Level Thresholds	Exceeds Cumulative Threshold?
ROG	2.77	55	No
NO _x	4.19	55	No
PM ₁₀	1.72	82	No

Note: All values are expressed in pounds per day (ppd).
All values shown are summer (ozone season) values.

As shown in **Table 4**, ROG, NO_x, and PM₁₀ emissions associated with operation of the Proposed Project would be below the PCAPCD cumulative-level significance threshold. Implementation of the Proposed Project would involve minimal emissions during construction; it is not anticipated the development of the Proposed Project would result in a substantial increase in long-term operational emissions. Construction emissions would be short-term in duration. Accordingly, the incremental contribution of the Proposed Project's construction-related emissions would not be considered cumulatively considerable. Therefore, the Proposed Project would result in a **less than significant impact**, cumulatively. No mitigation is required.

- d) **Less Than Significant Impact.** Some land uses are considered more sensitive to air pollution than others, due to the types of population groups or activities involved. Heightened sensitivity may be caused by health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, childcare centers, playgrounds, retirement homes, convalescent homes, hospitals, and medical clinics. The Proposed Project involves construction and operation multi-family, senior age restricted (55+) apartment complex. Nearby residents would be considered sensitive receptors. The major pollutant concentrations of concern are localized carbon dioxide (CO) emissions.

The screening procedures applied to the Proposed Project focused on the effects of the Proposed Project on traffic operations. Since elevated CO concentrations are associated with traffic congestion, a project is considered to have no potential for significant impacts on CO concentrations if it does not substantially contribute to excessive traffic congestion.

Implementation of the Proposed Project would generate CO emissions in the project vicinity. Long-term operational emissions associated with the Proposed Project were estimated using the CalEEMod

emissions modeling program.⁵ The model quantifies direct emissions (including vehicle use) as well as, indirect emissions from sources such as energy use, dispersed area sources, solid waste disposal, and water use. Long-term operation of the Proposed Project would result in the generation of CO emissions. Operation of the Proposed Project would generate 13.95 ppd of CO. The generation of CO emissions by the Proposed Project would be less than the PCAPCD 550 ppd screening threshold. Therefore, impacts to local CO emissions is considered less than significant.

In addition to project-related exposure to existing sensitive receptors to CO, project development would also introduce new sensitive receptors to the area. As described in the PCAPCD CEQA Handbook, high traffic volume freeways and roads are considered a source of toxic air contaminant (TAC) emissions. Table 6-1 of the PCAPCD CEQA Handbook defines high traffic volume freeways and roads as those with more than 100,000 vehicles per day in urban areas and 50,000 vehicles per day in rural areas. The Proposed Project is considered to be in an urban area.

According to Table 6-1 of the PCAPCD CEQA Handbook, the recommended minimum separation between high traffic volume freeways and roads and sensitive receptors is 500 feet. Sensitive receptors include residential dwelling units, schools, and medical facilities. The proposed land uses with sensitive receptors proposed within 500 feet of high traffic volume freeways and roads are considered to have a significant impact.

Douglas Boulevard is an east-west arterial roadway located approximately 400 feet north of the Project Site. The Amoruso Ranch Specific Plan EIR shows existing traffic volumes on the portion of Douglas Boulevard nearest to the Project Site are 48,000 vehicles per day. The Amoruso Ranch Specific Plan EIR includes future forecasted 2035 Cumulative Plus Project Conditions traffic volumes would be 54,600 vehicles per day. While this roadway is within 500 feet of the Project Site, traffic volumes on this roadway are less than 100,000 vehicles per day. As a result, impacts from Douglas Boulevard to sensitive receptors would be less than significant.

Interstate 80 (I-80) is a southwest-northeast freeway located approximately 4,000 feet northwest of the Project Site. The Caltrans document *2016 Traffic Volumes on California State Highways* shows traffic volumes on I-80 at the Douglas Boulevard interchange being 190,200 vehicles per day. While the traffic volume on I-80 is greater than 100,000 vehicles per day, this roadway is located more than 500 feet from the Project Site. Impacts from I-80 to sensitive receptors would be less than significant.

Project development would not expose existing sensitive receptors in the area to substantial levels of pollutant concentrations. Project development would introduce new sensitive receptors to the area. However, as summarized above, project development would not result in exposure of new sensitive receptors to substantial pollutant concentrations exceeding established regulatory thresholds. Therefore, potential impacts associated with exposure of sensitive receptors to substantial pollutant concentrations would be a ***less than significant impact***. No mitigation is required.

- e) **Less Than Significant Impact.** While offensive odors rarely cause any physical harm, they can be unpleasant, leading to considerable distress among the public and often generating citizen complaints to local governments and air districts. The Project Site is located in a developed area and is not located in the vicinity of any existing or planned land uses that generate considerable odors. A multi-family, senior, age restricted (55+) apartment complex is not typically associated with the creation of objectionable odors. As such, the Proposed Project would not be anticipated to change the odor setting of project vicinity by

⁵ California Air Pollution Control Officers Association. 2016. CAIEMod – California Emissions Estimator Model User's Guide, Version 2016.3.1. Sacramento, California.

introducing new land uses. Thus, the Proposed Project would not introduce any new sources or be exposed to any existing sources of potential objectionable odors.

Although less common, diesel fumes associated with diesel-fueled equipment and heavy-duty trucks, such as from construction activities, could be found to be objectionable. However, construction is temporary and construction equipment would operate intermittently throughout the course of a day, and would be restricted to certain hours per the City's Municipal Code. All construction equipment and operation thereof would be regulated per the statewide In-Use Off-Road Diesel Vehicle Regulation and the CARB's Airborne Toxic Control Measure for Stationary Compression Ignition Engines. Construction equipment would also be required to comply with applicable PCAPCD rules and regulations, particularly associated with permitting of air pollutant sources. The aforementioned regulations would help to minimize air pollutant emissions as well as any associated odors. Considering the short-term nature of construction activities and the regulated and intermittent nature of the operation of construction, construction of the Proposed Project would not be expected to create objectional odors affecting a substantial number of people. This impact is therefore considered to be a ***less than significant impact***. No mitigation is required.

Mitigation Measures

No mitigation is required.

IV. Biological Resources

The ±3.34-acre Project Site consists primarily of partially disturbed non-native grassland with patches of oak and riparian woodland. Tree species within the woodlands include blue oak (*Quercus douglasii*) and interior live oak (*Quercus wislizeni*). Topography within the Project Site is characterized by gently undulating terrain punctuated by a central 25-foot mound of sandy substrate of unknown origin. The extreme southeast corner of the Project Site is characterized by a steep but short descent into an off-site perennial drainage immediately adjacent to the Project Site. Surrounding land use consists of single-family residential and light commercial development.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☒	☐	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☒	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

There is no ironclad definition of significance as it relates to biological resources. Thus, the significance of impacts to biological resources is defined by the use of expert judgment supported by facts, and relies on the policies, codes, and regulations adopted by the City and by regulatory agencies which relate to biological resources (as cited and described in the Discussion of Checklist Answers section). For the purpose of this IS, the significance thresholds related to biological resources are as stated in CEQA Guidelines Appendix G, as

shown in checklist items a) through f) listed above. Consistent with CEQA Guidelines Section 15065, a project may have a significant effect on the environment if:

The project has the potential to substantially degrade the quality of the environment; substantially reduce the habitat of a fish or wildlife species; cause a fish or wildlife population to drop below self-sustaining levels; threaten to eliminate a plant or animal community; [or] substantially reduce the number or restrict the range of an endangered, rare or threatened species...

Various agencies regulate impacts to the habitats and wildlife addressed by the CEQA Guidelines checklist. These include the U.S. Fish and Wildlife Service (USFWS), National Oceanic and Atmospheric Administration–Fisheries (NOAA), United States Army Corps of Engineers (Corps), Central Valley Regional Water Quality Control Board (CVRWQCB), and the California Department of Fish and Wildlife (CDFW). The primary regulations affecting biological resources are described in the sections below.

Checklist item a) addresses impacts to special-status species. A “special-status” species is one which has been identified as having relative scarcity and/or declining populations. Special-status species include those formally listed as threatened or endangered, those proposed for formal listing, candidates for federal listing, and those classified as species of special concern. Also included are those species considered to be “fully protected” by the CDFW, those granted “special animal” status for tracking and monitoring purposes, and those plant species considered to be rare, threatened, or endangered in California by the California Native Plant Society (CNPS). The primary regulatory protections for special-status species are within the Federal Endangered Species Act (FESA), California Endangered Species Act (CESA), California Fish and Game Code, and the Federal Migratory Bird Treaty Act (MBTA).

Checklist item b) addresses all “sensitive natural communities” that may be affected by local, State, or federal regulations/policies while checklist item c) focuses specifically on one type of such a community: federally-protected wetlands. Focusing first on wetlands, there are two questions to be posed in examining wet habitats: the first is whether the wetted area meets the technical definition of a wetland, making it subject to checklist item b), and the second is whether the wetland is subject to federal jurisdiction, making it subject to checklist item c). The 1987 *U.S. Army Corps Wetlands Delineation Manual* is used to determine whether an area meets the technical criteria for a wetland. A delineation verification by the Corps verifies the size and condition of the wetlands and other waters in question, and determines the extent of government jurisdiction as it relates to Section 404 of the Federal Clean Water Act and Section 401 of the State Clean Water Act.

The Clean Water Act protects all “navigable waters”, which are defined as traditional navigable waters that are or were used for commerce, or may be used for interstate commerce; tributaries of covered waters; and wetlands adjacent to covered waters, including tributaries. Non-navigable waters are called isolated wetlands, and are not subject to either the Federal or State Clean Water Act. Thus, isolated wetlands are not subject to federal wetland protection regulations. However, in addition to the Clean Water Act, the State also has jurisdiction over impacts to surface waters through the State Porter-Cologne Water Quality Control Act, which does not require that waters be “navigable”. For this reason, isolated wetlands are regulated by the State of California pursuant to State Porter-Cologne Water Quality Control Act. The City’s General Plan also provides protection for wetlands, including isolated wetlands, pursuant to the *Open Space and Conservation Element*. Federal, State and City regulations/policies all seek to achieve no net loss of wetland acreage, values, or function.

Aside from wetlands, checklist item b) also addresses other “sensitive natural communities,” which includes any habitats protected by local or regional plans, policies, or regulations, or by the CDFW or USFWS. The City’s General Plan, *Open Space and Conservation Element* includes policies for the protection of riparian areas (streamside habitat) and floodplain areas; these are Vegetation and Wildlife Section Policies 2 and 3. Policy 4 also directs preservation of additional area around stream corridors and floodplain if there is sensitive woodland, grassland, or other habitat which could be made part of a contiguous open space area. Other than wetlands,

which were already discussed, USFWS and CDFW habitat protections generally result from species protections, and are thus addressed via checklist item a).

For checklist item d), there are no regulations specific to the protection of migratory corridors. This item is addressed by an analysis of the habitats present in the vicinity and analyzing the probable effects on access to those habitats which would result from a project.

The City of Roseville Tree Preservation Ordinance (RMC Ch.19.66) requires protection of native oak trees, and compensation for oak tree removal. The Findings of the Implementing Procedures indicate that compliance with the City of Roseville Tree Preservation Ordinance (RMC Ch.19.66) would prevent significant impacts related to loss of native oak trees, referenced by item e), above.

Regarding checklist item f), there are no adopted Habitat Conservation Plans within the City of Roseville.

Discussion of Checklist Answers:

- a) **Less Than Significant with Mitigation.** Based on a records search of the California Natural Diversity Database (CNDDDB), the USFWS, and CNPS lists as well as field observations, several special-status species have the potential to occur onsite or in the vicinity of the Project Site. The CNDDDB special-status species occurrences in the project vicinity are shown on **Figure 12** and enclosed in the Biological Resources Assessment prepared by Foothill Associates (**Attachment 3**).

Species that are known to be present or that are considered to have a high potential to occur within the Project Site include pallid bat, purple martin, Cooper's hawk, white-tailed kite, silver-haired bat, western spadefoot, and western pond turtle. Species that are considered to have a low potential to occur within the Project Site include, grasshopper sparrow and song sparrow ("Modesto" population). The regulatory status and habitat requirements for these species is summarized below in **Table 5**.

Table 5 — Summary of Special-Status Species with the Potential to Occur within the Project Site

Special-Status Species	Regulatory Status	Potential for Occurrence
Reptiles/Amphibians		
Western pond turtle <i>Emys marmorata</i>	California Species of Concern	High ; the Project Site provides suitable wintering habitat for this species within the annual grassland and oak woodland onsite. Habitat is marginal; however, the off-site perennial drainage provides potential access to the Project Site. There is one CNDDDB occurrence within five miles of the Project Site.
Western spadefoot <i>Spea hammondi</i>	California Species of Concern	High ; the burrows within the non-native grassland within Project Site provides aestivation habitat for this species. The offsite perennial drainage provides access to the Project Site. Three are three CNDDDB occurrences within five miles of the Project Site.
Birds		
Cooper's hawk <i>Accipiter cooperii</i>	California Species of Concern	High ; the oak and riparian woodland within the Project Site provide habitat for this species. While there are no CNDDDB occurrences documented within five miles of the Project Site, this species is known to occur locally.

Special-Status Species	Regulatory Status	Potential for Occurrence
Grasshopper sparrow <i>Ammodramus savannarum</i>	California Species of Concern	Low ; found usually in expansive grasslands, the 1.75 acres of non-native grassland within the Project Site provides marginal nesting and foraging habitat for this species. There are no CNDDDB occurrences documented within five miles of the Project Site.
Purple martin <i>Progne subis</i>	California Species of Concern	High ; the oak and riparian woodland within the Project Site provide suitable habitat for this species. There is one CNDDDB occurrence documented within five miles of the Project Site.
Song sparrow ("Modesto" population) <i>Melospiza melodia</i>	California Species of Concern	Low ; the oak and riparian woodland within the Project Site provide suitable nesting and foraging habitat for this species. There are no CNDDDB occurrences documented within five miles of the Project Site.
White-tailed kite <i>Elanus leucurus</i>	California Fully Protected	High ; found usually in open areas, the oak woodland and non-native grassland within the Project Site provide marginal nesting a foraging habitat for this species. There are two CNDDDB occurrences within five miles of the Project Site.
Mammals		
Pallid bat <i>Antrozous pallidus</i>	California Species of Concern	High ; the trees within the oak woodland within the Project Site provide suitable roosting habitat for this species. There is one CNDDDB occurrence is within five miles of the Project Site.
Silver haired bat <i>Lasionycteris noctivagans</i>	California Special Animal	High ; the trees within the oak woodland within the Project Site provide suitable roosting habitat for this species. There is one CNDDDB occurrence is within five miles of the Project Site.

The Proposed Project would result in the removal of all habitat that could potentially support these species within the Project Site. This has the potential to impact these species directly if present within the Project Site and indirectly through habitat loss. Implementation of **Mitigation Measures BIO-1 through BIO-4** would require pre-construction surveys for each of the species discussed above, to ensure no special-status species would be harmed by construction. If a special-status species is found, the Project Applicant is required to develop a mitigation plan to avoid significant impacts. The measures selected would depend upon many variables, including the location of the individual relative to construction activities, the time of year, whether there is the potential to relocate the individual, and other factors. While the information needed to formulate specific mitigation is not available at this time, the mitigation has been written to ensure that all appropriate measures to avoid significant impacts would be implemented. These measures would reduce impacts to special-status species to a less than significant level. Therefore, impacts to special-status species are considered to be **less than significant with mitigation incorporated**. No further mitigation is required.

- b) **Less Than Significant with Mitigation.** As shown on **Figure 13**, the Project Site contains several biological communities including 1.74 acres of annual grassland, 0.58 acres mixed oak woodland, and 0.01 acres of riparian habitat. The Proposed Project would avoid 0.03 acres of annual grassland, 0.02 acres of mixed oak woodland, and 0.01 acres riparian habitat located in the southeastern corner of the Project Site which includes a perennial drainage (Cirby Creek) running north to south and paralleling the southeastern boundary of the Project Site. This feature exhibits a defined bed and bank and an ordinary high water mark (OHWM), and therefore, may be considered a feature with both federal and State jurisdictional status. Without accurate demarcation of onsite riparian habitat, project-related construction would have the potential to impact this biological community as well as the associated aquatic resource. Therefore, impacts are considered **less than significant with mitigation incorporated**. Implementation

of **Mitigation Measure BIO-5** would require the establishment of a construction exclusion zone through the installation of exclusion fencing surrounding the perimeter of the onsite riparian habitat.

In addition, as discussed in further detail in checklist item e), the Project Applicant would be required to comply with the City's Tree Preservation Ordinance (RMC Ch.19.66) in the Roseville Municipal Code as applicable in order to avoid impacts to the riparian habitat and in order to mitigate for the removal of native oak trees.

The Project Applicant would be required comply with the City Grading Permit, the State Water Resources Control Board (SWRCB) National Pollutant Discharge Elimination System (NPDES) General Permit, the City's Construction and Design Standards, and the City's Stormwater Best Management Practices (BMP) Guidance Manual, as discussed in **Section IX, Hydrology and Water Quality** to ensure that water quality-related impacts remain less than significant.

- c) **Less Than Significant Impact with Mitigation.** The Project Site lies immediately to the west of a perennial stream (Cirby Creek). No work would be conducted with the OHWM of the perennial drainage (Cirby Creek). The Project Applicant would be required comply with the City grading permit, the SWRCB NPDES General Permit, the City's Construction and Design Standards, and the City's Stormwater BMP Guidance Manual, as discussed in **Section IX, Hydrology and Water Quality**. Compliance with the standards mandated by these regulatory requirements (grading permit, NPDES, City construction standards, etc.) and implementation of the associated BMPs, such as installation of silt fencing, would further reduce these impacts to less than significant. However, without accurate demarcation of onsite riparian habitat, project-related construction would have the potential to impact this biological community as well as the associated aquatic resource. Therefore, impacts are considered ***less than significant with mitigation incorporated***. Implementation of **Mitigation Measure BIO-5** would require the establishment of a construction exclusion zone through the installation of exclusion fencing surrounding the perimeter of the onsite riparian habitat.
- d) **Less Than Significant Impact.** According to the Biological Resources Assessment prepared by Foothill Associates (**Attachment 3**), there are no fish species known to occur within the Project Site. No work would be conducted within the OHWM of the perennial drainage (Cirby Creek) and construction is not anticipated to interfere with the movement of resident or migratory fish or wildlife species.

The City includes an interconnected network of open space corridors and preserves located throughout the City, to ensure that the movement of wildlife is not substantially impeded as the City develops. The development of the Project Site would not negatively impact these existing and planned open space corridors, nor is the Project Site located in an area that has been designated by the City, USFWS, or CDFW as vital or important for the movement of wildlife or the use of native wildlife nursery sites. Impacts are therefore considered ***less than significant*** and no mitigation is required.

- e) **Less Than Significant Impact.** The City's Tree Preservation Ordinance (RMC Ch.19.66) in the Roseville Municipal Code includes regulations controlling the removal and preservation of trees within the City of Roseville. A Protected Tree is defined in the Roseville Municipal Code as a native oak tree equal to or greater than six inches diameter at breast height (DBH) measured as a total of a single trunk or multiple trunks.

According to the Arborist Report prepared by Foothill Associates (**Attachment 4**), and as shown on **Figure 14**, construction of the Proposed Project would result in the removal of 12 protected blue oak and 21 protected interior live oak trees. In addition, excavation activities associated with project development would occur within the dripline of an interior live oak in fair condition and comprised of a multi-trunk of approximately 6-, 5-, 4-, and 4-inch DBHs. Two single-trunk interior live oaks in poor-fair condition with

an 8- and 6-inch DBH respectively, would be avoided. **Table 6** summarizes the oak trees that would be removed by development of the Proposed Project.

Table 6 — Summary of Oak Trees to be Removed

Tree No.	Common Name	Health	# of Trunks	DBH each trunk (inches)	Total DBH (inches)
498	Interior Live Oak	Poor-Fair	4	4, 4, 3, 2	13
499	Blue Oak	Poor-Fair	1	6	6
3960	Interior Live Oak	Fair	2	8, 5	13
3961	Interior Live Oak	Fair	2	7, 6	13
3962	Interior Live Oak	Fair	4	13, 8, 7, 4	32
3963	Interior Live Oak	Poor	4	4, 4, 3, 3	14
3964	Interior Live Oak	Fair	2	7, 6	13
3965	Interior Live Oak	Fair-Good	6	7, 6, 5, 5, 5, 4	32
3966	Interior Live Oak	Fair	5	7, 5, 4, 4, 3	23
3967	Interior Live Oak	Fair	4	7, 6, 5, 4	22
3968	Blue Oak	Poor-Fair	1	7	7
3969	Interior Live Oak	Fair-Good	2	7, 7	14
3970	Interior Live Oak	Fair-Good	3	7, 6, 6	19
3971	Interior Live Oak	Fair-Good	4	4, 4, 4, 3	15
3972	Interior Live Oak	Fair	5	6, 5, 4, 4	19
3978	Blue Oak	Poor-Fair	5	4, 4, 3, 3, 3	17
3979	Blue Oak	Poor-Fair	1	41	41
3980	Blue Oak	Poor-Fair	1	20	20
3981	Blue Oak	Poor-Fair	1	36	36
3982	Blue Oak	Fair	4	7, 5, 2, 2	16
3983	Blue Oak	Fair	1	6	6
3984	Blue Oak	Fair	3	18, 17, 14	49
3985	Interior Live Oak	Fair	3	6, 3, 3	12
3986	Interior Live Oak	Fair	3	15, 8, 7	30
3987	Blue Oak	Fair	1	6	6
3989	Interior Live Oak	Fair-Good	2	7, 5	12
3990	Interior Live Oak	Fair-Good	2	8, 7	15
3991	Blue Oak	Poor-Fair	1	6	6
3992	Interior Live Oak	Fair	3	17, 5, 5	27
3993	Interior Live Oak	Fair-Good	3	7, 6, 4	17
3994	Interior Live Oak	Fair-Good	2	6, 5	11
3995	Blue Oak	Poor-Fair	3	12, 10, 8	30
3996	Interior Live Oak	Fair-Good	1	7	7
TOTAL DBH INCHES					613

The Applicant evaluated the potential for additional tree preservation. Two interior live oaks on the eastern project boundary would be protected within the riparian buffer zone, and one blue oak on the northernmost project boundary. The tree on the northernmost boundary would be retained because it is

within the proposed landscape buffer adjacent to the proposed sidewalk. However, the grades on the Project Site are very challenging, and in order to create level pads for the buildings, a drainage pattern which directs stormwater to the existing system, and finished boundary grades which can be appropriately tied in to the adjacent roads and other development, the entire site needs to be heavily graded. In addition, there are other necessary improvements which would impact trees. The Proposed Project would require construction of a six-foot masonry wall on the southern project boundary, to buffer the existing adjacent residences from site development. The wall and the underground supports (footings) would directly impact the trunks of most of the existing trees along the southern project boundary, which isn't compatible with tree retention.

Compliance with the City's Tree Preservation Ordinance, which is administered through the Tree Permit required for the Proposed Project, would ensure the Project Applicant would mitigate for the loss of 613 inches of protected oak trees. In addition, the Tree Permit would ensure that trees not planned for removal, or otherwise identified as impacted, would be avoided or compensated for, as applicable. The loss of onsite oak trees would be offset through a combination of on-site planting and the City's in-lieu fee program; this would reduce potential impacts to native oak trees to ***less than significant***. No further mitigation is required.

- f) **No Impact.** There are no approved Habitat Conservation Plans, Natural Conservation Community Plans, or other adopted plans applicable to the Proposed Project. Therefore, there would be ***no impact*** and no mitigation is required.

Mitigation Measures

MM BIO-1: Within 14 days prior to the start of ground disturbance, the Project Applicant shall have a qualified biologist conduct a pre-construction survey for western spadefoot toad. Ground disturbance includes any grading and excavation activities and any work associated with work adjacent to Cirby Creek. If construction does not commence within 14 days of the pre-construction survey or halts for more than 14 days, a new survey shall be required. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity. If no western spadefoot toads are found, no additional measures are required.

If western spadefoot toads are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented.

MM BIO-2: Within 14 days prior to the start of ground disturbance, the Project Applicant shall have a qualified biologist conduct a pre-construction survey for western pond turtles. Ground disturbance includes any grading and excavation activities and any work associated with work adjacent to Cirby Creek. If construction does not commence within 14 days of the pre-construction survey or halts for more than 14 days and the site still contains undisturbed habitat, a new survey shall be required. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity. If no western pond turtles are found, no additional measures are required.

If western pond turtles are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including

avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented.

MM BIO-3: Migratory birds and other birds of prey, protected under 50 CFR 10 of the MBTA and/or Section 3503 of the California Fish and Game Code, including Nuttall's woodpecker, loggerhead shrike, yellow-billed magpie, oak titmouse, grasshopper sparrow, song sparrow, purple martin, and white-tailed kite have the potential to nest within the trees within the riparian woodland and within the annual grassland. Ground-disturbing activities and/or vegetation clearing operations, including pruning or removal of trees and shrubs, shall be completed between September 1 to February 14, if feasible. If ground-disturbing activities and/or vegetation removal begins during the nesting season (February 15 to August 31), the Project Applicant shall have a qualified biologist conduct a pre-construction survey for active nests within 300 feet of the Project Site. The pre-construction survey will be conducted within 14 days prior to commencement of ground-disturbing activities and/or vegetation removal. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity or vegetation removal. If the pre-construction survey shows that there is no evidence of active nests, no additional measures are required. If construction does not commence within 14 days of the pre-construction survey, or halts for more than 14 days, an additional pre-construction survey shall be required.

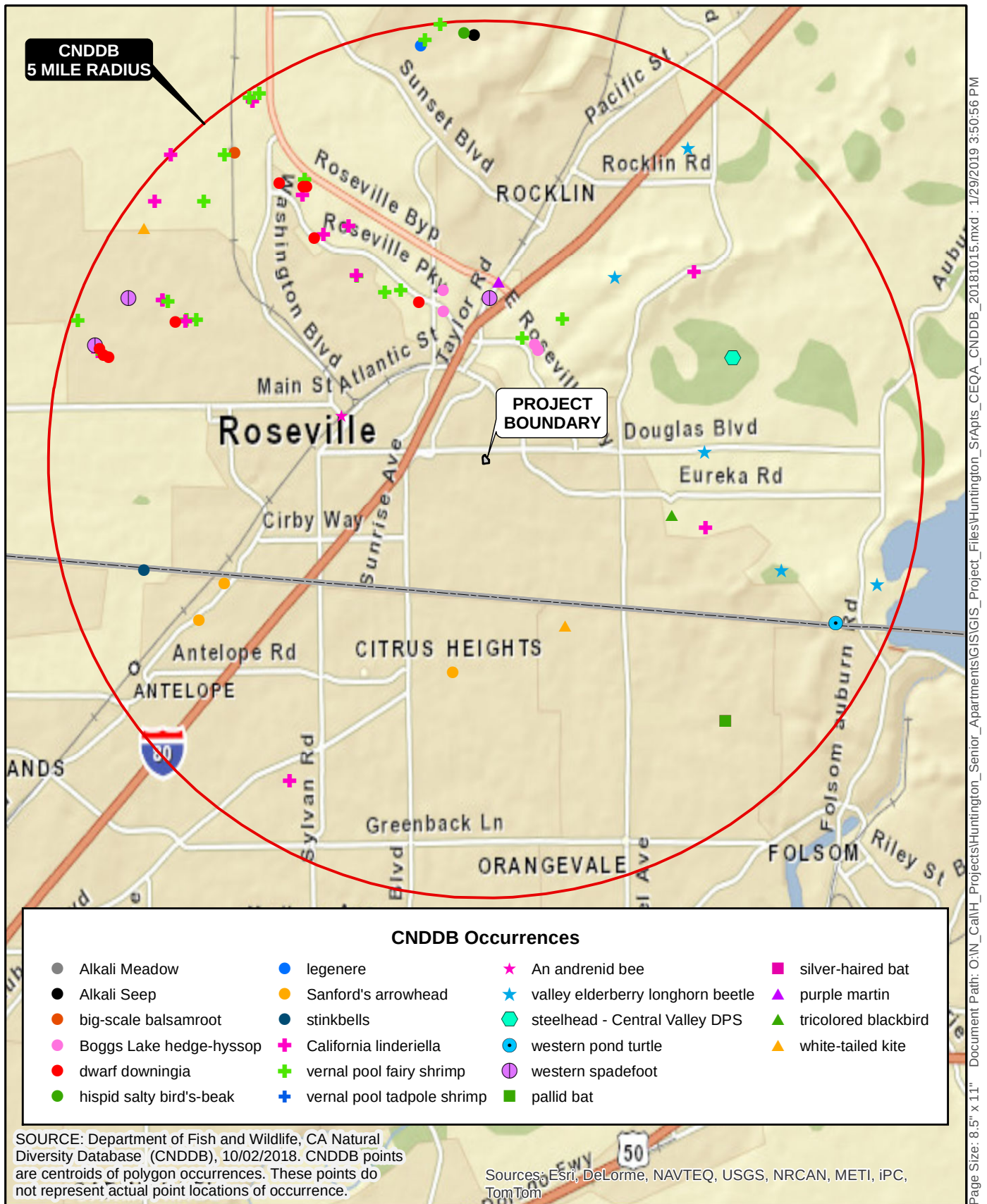
If any active nests are located within the vicinity of the Proposed Project the qualified biologist shall delimit an appropriate buffer zone, subject to approval of City Planning and in consultation with any other appropriate agencies, with construction tape or pin flags and maintain the buffer zone until the end of the breeding season or the young have successfully fledged. Buffer zones are typically 100 feet for migratory bird nests and 250 feet for raptor nests. If active nests are found onsite, a qualified biologist shall monitor nests weekly during construction to ensure activities are not causing nesting disturbance.

MM BIO-4: The trees within the riparian woodland provide roosting habitat for special-status bats. The Project Applicant shall have a qualified biologist perform onsite pre-construction surveys for special-status bat species within 14 days prior to the start of ground disturbance and tree removal. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity or tree removal. If no bats are observed, then no additional measures are required. If construction does not commence within 14 days of the pre-construction survey or halts for more than 14 days and the site still contains undisturbed habitat, a supplemental survey is required.

If bats are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented. If the bat is roosting in a tree anticipated for removal, then that tree shall not be removed until a qualified biologist has determined that the tree is no longer occupied by the bat.

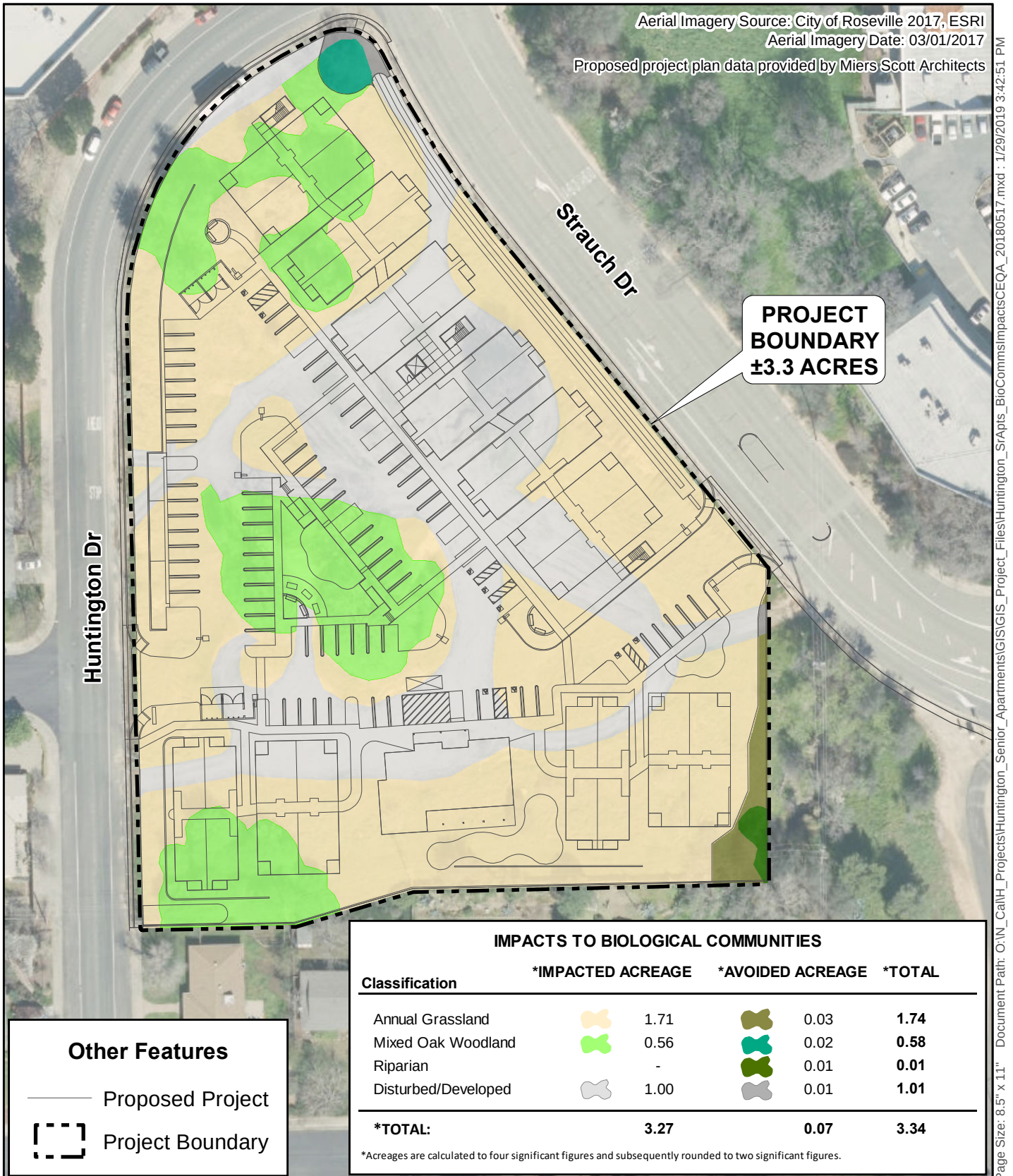
MM BIO-5: Prior to commencement of ground-disturbing activities, a qualified biologist shall mark the boundaries of onsite riparian habitat and the contractor shall install exclusion fencing around these boundaries to exclude construction equipment and personnel. The fencing shall be inspected and approved by City Planning prior to ground-disturbing activities. The exclusion area

shall be maintained until ground-disturbing activities are completed and soil within the adjacent area is stabilized.

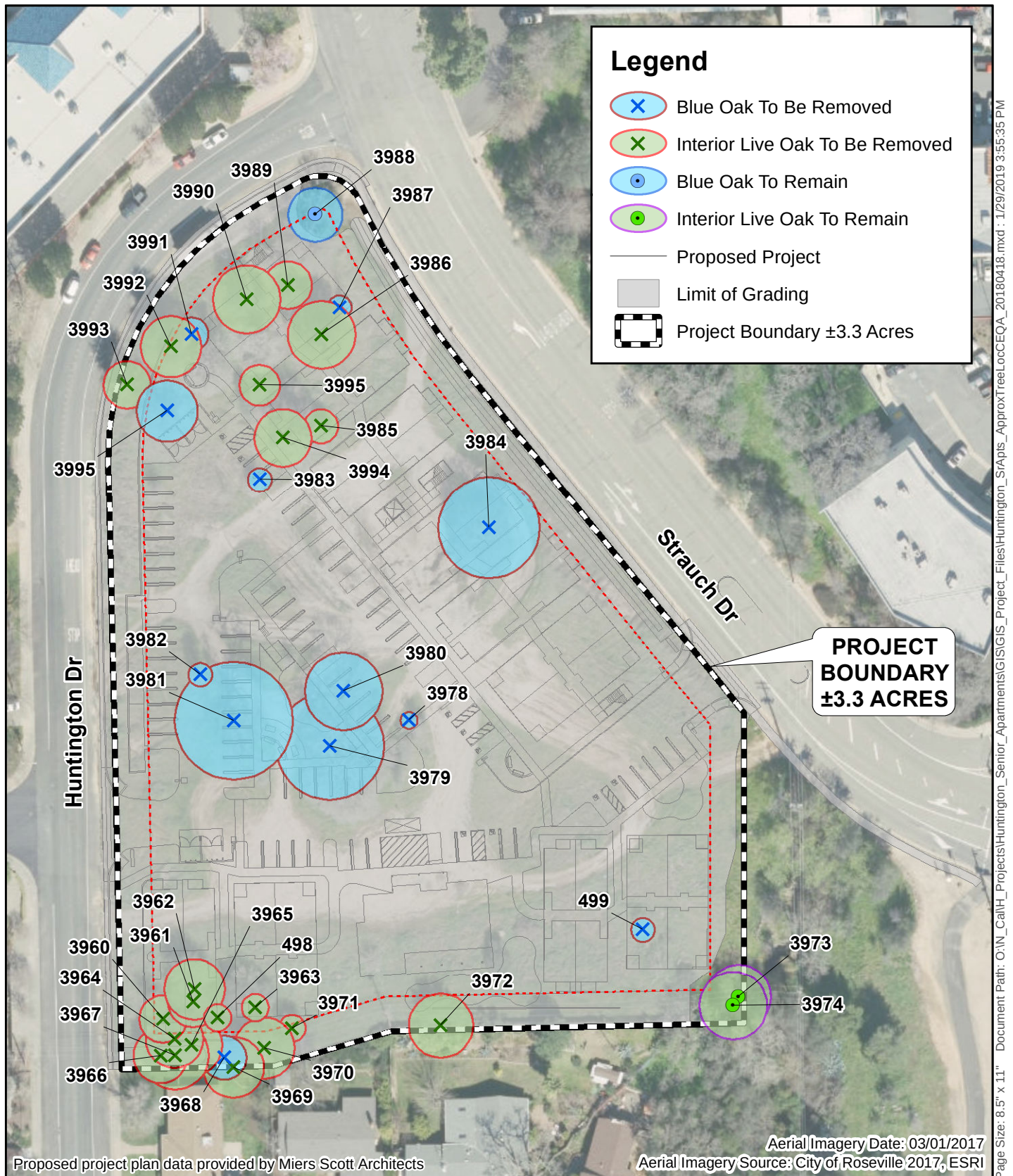


HUNTINGTON SENIOR APARTMENTS - CNDDDB OCCURRENCES





HUNTINGTON SENIOR APARTMENTS – IMPACTS TO BIOLOGICAL COMMUNITIES



HUNTINGTON SENIOR APARTMENTS – APPROXIMATE TREE LOCATIONS AND PROJECT IMPACTS

V. Cultural Resources

As described within the *Open Space and Conservation Element* of the City's General Plan, the Roseville region was within the territory of the Nisenan (also Southern Maidu or Valley Maidu). Two large permanent Nisenan habitation sites have been identified and protected within the City's open space (in Maidu Park). Numerous smaller cultural resources, such as midden deposits and bedrock mortars, have also been recorded in the City. The gold rush which began in 1848 marked another settlement period, and evidence of Roseville's ranching and mining past are still found today. Historic features include rock walls, ditches, low terraces, and other remnants of settlement and activity. A majority of documented sites within the City are located in areas designated for open space uses. Refer to the **Tribal Cultural Resources Section** of this IS for a discussion of tribal consultation.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of an historic resource as defined in Section 15064.5?	☐	☐	☒	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☐	☒	☐
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐
d) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

The significance of impacts to cultural resources is based directly on the CEQA Guidelines checklist items a) through e) listed above. The *Archaeological, Historic, and Cultural Resources Section* of the City's General Plan also directs the proper evaluation of and, when feasible, protection of significant resources (Policies 1 and 2). There are also various federal and State regulations regarding the treatment and protection of cultural resources, including the National Historic Preservation Act and the Antiquities Act (which regulate items of significance in history), Section 7050.5 of the California Health and Safety Code, Section 5097.9 of the California Public Resources Code (which regulates the treatment of human remains) and Section 21073 *et seq.* of the California Public Resources Code (regarding Tribal Cultural Resources). The CEQA Guidelines also contains specific sections, other than the checklist items, related to the treatment of effects on historic resources.

Pursuant to the CEQA Guidelines, if it can be demonstrated that a project would cause damage to a unique archaeological resource, the Lead Agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (Section 21083.2 (a), (b), and (c)). A *historical resource* is a resource listed, or determined to be eligible for listing, in the California Register of Historical Resources (CRHR) (Section 21084.1); a resource included in a local register of historical resources (Section 15064.5(a)(2)); or any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant (Section 15064.5 (a)(3)). Public Resources Code Section 5024.1 requires evaluation of historical resources to determine their eligibility for listing on the CRHR.

Discussion of Checklist Answers:

a, b, d) **Less Than Significant Impact.** The Proposed Project is located within the Infill Specific Plan area and is within an area zoned as Planned Development. Adjacent land uses include Community Commercial, Medium and Low Density Residential. The Project Site is bounded on the north and west by Huntington Drive, on the east by Strauch Drive, and on the south by residential development.

No cultural resources are known to exist on the Project Site. The City's General Plan policies state that in the event of a discovery of buried archeological or historic deposits, or human remains, project activity in the vicinity to be halted until a qualified archeologist can assess the resources and provide management. Impacts to potential cultural resources are therefore considered to be **less than significant** and no mitigation is required.

c) **Less Than Significant Impact.** No paleontological resources are known to exist on the Project Site per the City's General Plan EIR, nor is their presence on the site likely; however, standard General Plan Policies apply which are designed to minimize impacts to such resources, should any be found on-site. The measures require an immediate cessation of work, and contact with a qualified archeologist to address the resource before work can resume. It is not anticipated that project development would result in impacts beyond those already discussed and disclosed in the General Plan EIR; therefore, project-specific impacts are **less than significant** and no mitigation is required.

Mitigation Measures

No mitigation is required.

VI. Geology and Soils

As described in the *Safety Element* of the City's General Plan, there are three inactive faults (Volcano Hill, Linda Creek, and an unnamed fault) in the vicinity, but there are no known active seismic faults within Placer County. The last seismic event recorded in the South Placer area occurred in 1908, and is estimated to have been at least a 4.0 on the Richter Scale. Due to the geographic location and soil characteristics within the City, the General Plan indicates that soil liquefaction, landslides, and subsidence are not a significant risk in the area.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
I. Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	☐	☐	☒	☐
II. Strong seismic ground shaking?	☐	☐	☒	☐
III. Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
IV. Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☐	☒
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to geology and soils are as stated in CEQA Guidelines Appendix G, as shown in checklist items a) through e) listed above. Regulations applicable to this topic include the Alquist-Priolo Act, which addresses earthquake safety in building permits, and the Seismic Hazards Mapping Act, which requires the state to gather and publish data on the location and risk of seismic faults.

The Findings of the Implementing Procedures indicate that compliance with the Flood Damage Prevention Ordinance (RMC Ch.9.80) and the City's Design and Construction Standards (Resolution 07-107) would prevent significant impacts related to checklist item b). The Ordinance and standards include permit requirements for construction and development in erosion-prone areas and ensure that grading activities would not result in significant soil erosion or loss of topsoil. The use of septic tanks or alternative waste systems is not permitted in the City of Roseville, and therefore no analysis of criterion e is necessary.

Discussion of Checklist Answers:

- a) The project would not expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides.

i-iii) **Less Than Significant Impact.** Several faults have been identified within 60 miles of the Sacramento area. However, no known active faults are located in Placer County, including the project vicinity, and the south Placer County area is classified as a low-severity earthquake zone. Three inactive faults lie within the immediate Roseville vicinity: the Volcano Hill Fault, extending approximately one mile northwesterly from just east of Roseville city limits; the Linda Creek Fault, extending along a portion of Linda Creek through Roseville and a portion of Sacramento County; and an unnamed fault extending east to west between Folsom Lake and Rocklin. Portions of this fault are concealed, but they are possibly connected to the Bear Mountain fault near Folsom Lake. Geological literature indicates that no major active faults delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map transect Placer County.⁶ The Project Site is not expected to experience faulting, strong ground shaking, seismically related ground failure, or liquefaction.

Further, site-specific geotechnical information prepared for the project has been incorporated into project design to ensure compliance with applicable California Building Code (CBC) regulations for seismic safety as well as the City's Design and Construction Standards. Impacts are therefore considered to be **less than significant**. No mitigation is required.

iv) **Less Than Significant Impact.** Landslides typically occur where soils on steep slopes become saturated or where natural or manmade conditions have taken away supporting structures and vegetation. An existing mound is present on the site extending approximately 22 feet vertically and consisting of dense to very dense silty sand. Project development would include the removal of this mound, with excavated materials being hauled offsite. In addition, measures would be incorporated during construction to shore minor slopes and prevent earth movement. Therefore, impacts associated with landslides are considered **less than significant** and no mitigation is required.

- b) **Less Than Significant Impact.** As shown in **Figure 15**, the Proposed Project is characterized by two soil units including: Cometa-Fiddymment Complex, 1 to 5 Percent Slopes and Inks-Exchequer Complex, 2 to 25 Percent Slopes.⁷ Cometa series is a deep, well drained claypan soil that formed in alluvium, mainly from granitic sources. Permeability is very slow and surface runoff is slow. The hazard of erosion is slight. The Fiddymment series is a moderately deep, well-drained soil over a hardpan formed in old valley siltstone. Permeability is very slow and surface runoff is slow. The hazard of erosion is slight. The Inks series is a shallow, well-drained cobbly soil that formed in residuum from andesitic conglomerate. Permeability is moderate and surface runoff is medium. The hazard of erosion is slight or moderate. The Exchequer series is a shallow, somewhat excessively-drained and stony soil that formed in residuum

⁶ California Department of Conservation. 2015. Alquist-Priolo Earthquake Fault Zone Maps. Available online at: <http://www.conservation.ca.gov/cgs/rghm/ap/Pages/Index.aspx>. Accessed [03/21/18].

⁷ U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). 1980. *Soil Survey of Placer County, California - Western Part, California*. USDA, NRCS, in cooperation with the Regents of the University of California (Agricultural Experiment Station).

from hard andesitic breccia. Permeability is moderate and surface runoff is medium. The hazard of erosion is slight or moderate.

State regulations pertaining to the management of erosion and sedimentation target the protection of surface water resources from the effects of land development (such as turbidity caused by sedimentation), measures include regulations and standards to reduce the potential for erosion and soil loss. Such regulations include, but are not limited to, the NPDES program for management of construction and municipal storm water runoff, which is part of the Clean Water Act and the State Porter-Cologne Water Quality Control Act and is implemented at the State local level through issuance of permits and preparation of site-specific Storm Water Pollution Prevention Plans (SWPPP).

Site disturbance related to grading, paving, and excavation activities associated with implementation of the Proposed Project would have the potential to increase erosion within the Project Site. The Proposed Project is required to comply with the City's Storm Water Control Ordinance (Ordinance No. 4822) that was developed to meet the terms of the City's General Permit (NPDES No. CAS000004). Section 14.20.160 of the City's Storm Water Control Ordinance outlines requirements to prevent, control, and minimize pollution to storm water from construction activities with erosion and sediment controls. Implementation of these erosion and sediment control BMPs would prevent soil loss and erosion within the Project Site.

Construction activities associated with implementation of the Proposed Project with the potential to impact water quality resulting from pollutant discharges including sediment and soil particulate matter would be subject to compliance with the City's Storm Water Control Ordinance, including the implementation of appropriate site-specific BMPs to prevent erosion and sediment loss. Therefore, impacts are considered **less than significant** and no mitigation is required.

- c) **Less Than Significant Impact.** Lateral spreading, a phenomenon associated with liquefaction, subsidence, or other geologic or soils conditions that could create unstable subsurface conditions that could affect Proposed Project features, is not a significant hazard for the Project Site. Based on the density of onsite subgrade materials, the distance of the Project Site from active faults, and absence of groundwater encountered during exploratory geotechnical investigations conducted on the Project Site, the potential for liquefaction is low.⁸ During project design and prior to construction, the City would ensure the design specifications in the site-specific geotechnical report prepared for the Proposed Project are implemented, in accordance with City's Design and Construction Standards. Impacts would therefore be considered **less than significant**. No mitigation is required.
- d) **No Impact.** As shown in **Figure 15**, the Proposed Project is characterized by two soil units including: Cometa-Fiddymment Complex, 1 to 5 Percent Slopes and Inks-Exchequer Complex, 2 to 25 Percent Slopes,⁹ which are not listed as geologically unstable or sensitive. The Project Site is not located in an area of expansive soils and would not expose people to risk related to potential geologic impacts. **No impact** would result from project development and no mitigation is required.
- e) **No Impact.** The City's General Plan *Safety Element* requires that new development connect to the City's sanitary sewer system. Project development would not involve septic tank installation or the use of alternative waste water disposal systems. Therefore, **no impact** related to the use of septic tanks would occur. No mitigation is required.

⁸ Terracon Consultants, Inc. 2018. *Geotechnical Engineering Report Huntington Senior Apartments Roseville, California*. March 16, 2018.

⁹ U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). 1980. *Soil Survey of Placer County, California - Western Part, California*. USDA, NRCS, in cooperation with the Regents of the University of California (Agricultural Experiment Station).

Mitigation Measures

No mitigation is required.



HUNTINGTON SENIOR APARTMENTS - SOILS



VII. Greenhouse Gases

Global climate change, also known as global warming, has been recognized as an important environmental issue. Documented impacts of climate change include rising sea levels, glacier retreat, shortening of frost seasons, and increases in precipitation, among other events. Climate change is considered to be heavily influenced by the rising concentration of greenhouse gases (GHG), primarily atmospheric carbon dioxide (CO₂). Burning of fossil fuels, including oil, natural gas, gasoline and coal, is a major contributor to rising GHG levels.¹⁰ The City has taken proactive steps to reduce greenhouse gas emissions, which include the introduction of General Plan policies to reduce emissions, changes to City operations, and climate action initiatives which are available at <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8774544>.¹¹

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

In Assembly Bill 32 (the California Global Warming Solutions Act), signed by Governor Schwarzenegger of California in September 2006, the legislature found that climate change resulting from global warming was a threat to California, and directed that “the State Air Resources Board design emissions reduction measures to meet the statewide emissions limits for greenhouse gases...”. The target established in AB 32 was to reduce emissions to 1990 levels by the year 2020. CARB subsequently prepared the *Climate Change Scoping Plan* (Scoping Plan) for California, which was approved in 2008. The Scoping Plan provides the outline for actions to reduce California’s GHG emissions. CARB’s updated August 2011 Scoping Plan calculated a reduction needed of 21.7% from future “Business As Usual” (BAU) conditions in the year 2020. The current Scoping Plan (adopted May 2014) indicates that statewide emissions of GHG in 1990 amounted to 431 million metric tons, and that the 2020 “Business As Usual” (BAU) scenario is estimated as 509¹² million metric tons, which would require a reduction of 15.3% from 2020 BAU. In addition to this, Senate Bill 32 was signed by the Governor on September 8, 2016, to establish a reduction target of 40 percent below 1990 levels by 2030. The Air Resources Board is currently updating the Scoping Plan to reflect this target.

The Placer County Air Pollution Control District (PCAPCD) recommends that thresholds of significance for GHG be related to AB 32 reduction goals, and has adopted thresholds of significance which take into account the 2030 reduction target. The thresholds include a de minimis and a bright-line maximum threshold. Any project emitting less than 1,100 metric tons of carbon dioxide equivalents per year (MT CO₂e/yr) during construction or operation results in less than significant impacts. The PCAPCD considers any project with emissions greater than the bright-line cap of 10,000 MT CO₂e/yr to have significant impacts. For projects exceeding the de minimum

¹⁰ KD Anderson & Associates. 2019. *Huntington Senior Apartments Air Quality Study*. February 1, 2019.

¹¹ City of Roseville. General Plan and Development Guideline, Accessed May 10, 2018.

¹² Includes Pavely and Renewables Portfolio Standard Reduction

threshold but below the bright-line threshold, comparison to the appropriate efficiency threshold is recommended. The significance thresholds are shown below in **Table 7**.

Table 7 — PCAPCD Greenhouse Gas Significance Thresholds

Bright-line Threshold 10,000 MT CO ₂ e/yr			
Residential Efficiency (MT CO ₂ e/capita ¹)		Non-Residential Efficiency (MT CO ₂ e/ksf ²)	
Urban	Rural	Urban	Rural
4.5	5.5	26.5	27.3
De Minimis Threshold 1,100 MT CO ₂ e/yr			
1. Per Capita = per person			
2. Per ksf = per 1,000 square feet of building			

Discussion of Checklist Answers:

- a, b) **Less Than Significant Impact.** Implementation of the Proposed Project would generate GHG emissions in the project vicinity. Both short-term construction-related emissions and long-term operational emissions associated with the Proposed Project were estimated using the CalEEMod emissions modeling program.¹³ CalEEMod is a land use emissions computer model designed to provide a platform for government agencies, land use planners, and environmental professionals to quantify potential emissions associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use. As part of the Air Quality Study for the Proposed Project (**Attachment 2**), impacts to global climate change and GHG emissions were evaluated.

Table 8 presents construction-related and operational emissions associated with the Proposed Project.

Table 8 — Greenhouse Gas Emissions (in Metric Tons)

Emissions Category	Carbon Dioxide (CO ₂)	Methane (CH ₄)	Nitrous Oxide (N ₂ O)	Carbon Dioxide Equivalent (CO ₂ e)
Construction-Related Emissions				
2019 Emissions	456.52	0.06	0.00	458.08
2020 Emissions	346.30	0.07	0.00	348.11
Operational Emissions				
Area Source	0.92	0.00	0.00	0.95
Energy	100.50	0.01	0.00	101.21
Mobile Source	366.52	0.02	0.00	366.89
Waste	7.10	0.42	0.00	17.58
Water	6.82	0.16	0.00	12.04
Total (Operational)	481.85	0.60	0.01	498.66

¹³ California Air Pollution Control Officers Association 2016

Construction-Related Emissions

Construction of the Proposed Project would result in the generation of GHG emissions. As shown in **Table 8**, construction of the Proposed Project would generate 458.08 MT of CO₂e in 2019 and 348.11 MT of CO₂e in 2020. GHG emissions generated by construction of the Proposed Project would be less than the 1,100 MT CO₂e per year De Minimis Level significance threshold adopted by the PCAPCD (**Table 7**). Therefore, impacts to construction-related emissions would be *less than significant*.

Operational Emissions

Long-term operation of the Proposed Project would result in the generation of GHG emissions. As shown in **Table 8**, operation of the Proposed Project is estimated to generate 498.66 MT CO₂e per year. The generation of GHG emissions by the Proposed Project would be less than the 1,100 MT CO₂e per year De Minimis Level significance threshold adopted by the PCAPCD (**Table 7**). Therefore, impacts to operational emissions would be *less than significant*.

Conclusion

In conclusion, operational GHG emissions would be minimal and would not change as a result of the Proposed Project; however, construction of the Proposed Project would generate GHG emissions that would contribute to the overall GHG levels in the atmosphere. Although the Proposed Project would contribute to GHG levels during construction of the Proposed Project, the incremental contribution to cumulative GHG emissions and global climate change would be minor and below established thresholds defined for the region. In addition, the GHG emissions resulting from construction of the Proposed Project would occur only once temporarily during construction. Therefore, the Proposed Project's contribution to global climate change through GHG emissions would be considered a ***less than significant impact***. No mitigation is required.

Mitigation Measures

No mitigation is required.

VIII. Hazards and Hazardous Materials

There are no hazardous cleanup sites of record within 1,000 feet of the Proposed Project according to a recent records search of the California Department of Toxic Substances Control *EnviroStor Database*.¹⁴ There are no sites within the Proposed Project that are listed in the *State of California Hazardous Waste and Substances Site List* (Cortese List).¹⁵ No previous environmental review of the Project Site has found evidence of contamination or hazardous conditions.

The Project Site is not located within the vicinity of an airport land use plan or private airstrip and would not result in a safety hazard for people residing or working in the project vicinity.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area?	☐	☐	☐	☒
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒

¹⁴ California Department of Toxic Substances Control (CDTSC). 2018a. *Envirostor Data Base*. Available online at: www.envirostor.dtsc.ca.gov. Accessed [03/20/18].

¹⁵ CDTSC. 2018b. *Hazardous Waste and Substances Site List- Site Cleanup (Cortese List)*. Available online at: http://www.dtsc.ca.gov/SiteCleanup/Cortese_List.cfm. Accessed [03/20/18].

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to hazardous materials are as stated in CEQA Guidelines Appendix G, as shown in a) through h) in the checklist above. A material is defined as hazardous if it appears on a list of hazardous materials prepared by a federal, State or local regulatory agency, or if it has characteristics defined as hazardous by such an agency. The determination of significance based on the above criteria depends on the probable frequency and severity of consequences to people who might be exposed to the health hazard, and the degree to which project design or existing regulations would reduce the frequency of or severity of exposure. As an example, products commonly used for household cleaning are classified as hazardous when transported in large quantities, but one would not conclude that the presence of small quantities of household cleaners at a home would pose a risk to a school located within ¼-mile.

Many federal and State agencies regulate hazards and hazardous substances, including the US EPA, California Department of Toxic Substances Control (CDTSC), CVRWQCB, and the California Occupational Safety and Health Administration (CalOSHA). The State has been granted primacy (primary responsibility for oversight) by the US EPA to administer and enforce hazardous waste management programs. State regulations also have detailed planning and management requirements to ensure that hazardous materials are handled, stored, and disposed of properly to reduce human health risks. California regulations pertaining to hazardous waste management are published in the California Code of Regulations (see 8 CCR, 22 CCR, and 23 CCR).

Discussion of Checklist Answers:

- a, b) **Less Than Significant Impact.** Standard construction activities would require the use of hazardous materials such as fuels, oils, lubricants, glues, paints and paint thinners, soaps, bleach, and solvents. These are common household and commercial materials routinely used by both businesses and average members of the public. The materials only pose a hazard if they are improperly used, stored, or transported either through upset conditions (e.g. a vehicle accident) or mishandling. In addition to construction use, the operational project would result in the use of common hazardous materials as well, including bleach, solvents, and herbicides. Regulations pertaining to the transport of materials are codified in 49 Code of Federal Regulations 171–180, and transport regulations are enforced and monitored by the California Department of Transportation (Caltrans) and by the California Highway Patrol. Specifications for storage on a construction site are contained in various regulations and codes, including the California Code of Regulations, the Uniform Fire Code, and the California Health and Safety Code. These same codes require that all hazardous materials be used and stored in the manner specified on the material packaging. Existing regulations and programs are sufficient to ensure that potential impacts as a result of the use or storage of hazardous materials are reduced to less than significant levels. Therefore, impacts related to the creation of a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials are considered **less than significant** and no mitigation is required.
- c) **No Impact.** Warren T. Eich Middle School is the nearest school to the Project Site and is located ½-mile from the Project Site. Maidu Elementary School is located one mile from the Project Site. There are no

public or private schools neither located within ¼-mile of the Project Site nor are there any schools planned to be developed within ¼-mile of the Proposed Project according to the General Plan, *Public Facilities Element*. Construction would not generate hazardous air emissions or handle acutely hazardous substances within a quarter of a mile of a school. Therefore, **no impact** would result from development of the Proposed Project and no mitigation is required.

- d) **No Impact.** The Project Site is not included on the State Cortese List compiled pursuant to Government Code Section 65962.5.¹⁶ Therefore, no impact would occur. According to the CDTSC *Envirostor Database*, there are no known hazardous sites within the immediate vicinity of the Proposed Project. Therefore, **no impact** would result from development of the Proposed Project and no mitigation is required.
- e, f) **No Impact.** The Project Site is not located within the vicinity of an airport land use plan or private airstrip and would not result in a safety hazard for people residing or working in the project vicinity. Therefore, **no impact** would result from development of the Proposed Project and no mitigation is required.
- g) **No Impact.** The Proposed Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. The Proposed Project is located within an area currently receiving emergency services and development of the Project Site has been anticipated and incorporated into emergency response plans. Therefore, the **no impact** would result from development of the Proposed Project and no mitigation is required.
- h) **No Impact.** The Project Site is not located within a fire hazard severity zone as defined by Cal Fire and is located within the City of Roseville Fire District.¹⁷ The Project Site is in an urban area, and therefore, would not expose people to any risk from wildland fire. **No impact** associated with wildland fires would result from development of the Proposed Project and no mitigation is required.

Mitigation Measures

No mitigation is required.

¹⁶ CDTSC. 2018b. *Hazardous Waste and Substances Site List- Site Cleanup (Cortese List)*. Available online at: http://www.dtsc.ca.gov/SiteCleanup/Cortese_List.cfm. Accessed [03/20/18].

¹⁷ California Department of Forestry and Fire Protection (Cal Fire). 2007. *Fire Hazard Severity Zones in SRA, Placer County*, November 7, 2007. Available Online at: http://www.fire.ca.gov/fire_prevention/fhsz_maps_placer. Accessed [03/21/18].

IX. Hydrology and Water Quality

As described in the *Open Space and Conservation Element* of the City's General Plan, the City is located within the Pleasant Grove Creek Basin and the Dry Creek Basin. Pleasant Grove Creek and its tributaries drain most of the western and central areas of the City and Dry Creek and its tributaries drain the remainder of the City. Most major stream areas in the City are located within designated open space.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?	☐	☐	☒	☐
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	☐	☒	☐	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off-site?	☐	☐	☒	☐
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site?	☐	☐	☒	☐
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted water?	☐	☐	☒	☐
f) Otherwise substantially degrade water quality?	☐	☐	☒	☐
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	☒
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	☐	☐	☐	☒
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	☒	☐
j) Inundation by seiches, tsunami, or mudflow?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

The significance of impacts related to hydrology and water quality is based directly on the CEQA Guidelines checklist items a) through j) listed above. For checklist item a), the Findings of the Implementing Procedures indicate that compliance with the City's Design and Construction Standards (Resolution 07-107), Urban Stormwater Quality Management and Discharge Control Ordinance (RMC Ch. 14.20), and Stormwater Quality Design Manual (Resolution 16-152) would prevent significant impacts. The standards require preparation of an Erosion and Sediment Control Plan for construction activities and includes designs to control pollutants within post-construction urban water runoff. Likewise, it is indicated that the Drainage Fees for the Dry Creek and Pleasant Grove Watersheds (RMC Ch.4.48) and the City's Design and Construction Standards (Resolution 07-107) would prevent significant impacts related to item e. The ordinance and standards require the collection of drainage fees to fund improvements that mitigate potential flooding impacts, and require the design of a water drainage system that would adequately convey anticipated stormwater flows. Finally, it is indicated that compliance with the Flood Damage Prevention Ordinance (RMC Ch. 9.80) would prevent significant impacts related to checklist items g), h), and i). The Ordinance includes standard requirements for all new construction, including regulation of development with the potential to impede or redirect flood flows, and prohibits development within flood hazard areas. Impacts from tsunamis and seiches were screened out of the analysis (checklist item j) given the fact that the project is not located near a water body or other feature that would pose a risk of such an event.

Discussion of Checklist Answers:

a, c, d, e, f) **Less Than Significant Impact.** Site disturbance related to grading, paving, and excavation activities associated with implementation of the Proposed Project would have the potential to increase erosion within the Project Site. The Proposed Project is required to comply with the City's Grading Ordinance and National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit issued by the Central Valley Regional Water Quality Control Board (CVRWQCB) which requires the City to reduce pollutants in stormwater to the maximum extent practicable. The City would require the contractor to comply by preparing a Stormwater Pollution Prevention Plan (SWPPP) to meet the requirement of the City's Statewide General Construction Permit (General Permit) and the NPDES Storm Water Management Program (SWMP), which implements the General Permit for Stormwater Discharge from the CVRWQCB. All permanent stormwater quality control measures must be designed to comply with the City's Manual for Stormwater Quality Control Standards for New Development, the City's Design and Construction Standards, Urban Stormwater Quality Management and Discharge Control Ordinance, and Stormwater Quality Design Manual.

Development of the Proposed Project would include installation of bio retention planters and a vegetative swale for treating excess stormwater from paved areas. The bio retention planters and a vegetative swale would be planted with native California plants to help retain and treat stormwater project-related runoff from impervious surfaces during high flow storm events. The development of the additional drainage features would not be expected to substantially alter the existing drainage pattern of the Project Site in a manner that would result in substantial erosion or siltation or contribute runoff water in quantities that exceed the capacity of the existing and planned drainage systems at the Project Site nor provide substantial additional sources of polluted runoff.

Implementation, monitoring, and maintenance of BMPs required to comply with existing enforceable City ordinance requirements, combined with compliance with State and federal regulations relevant to maintaining water quality objectives, would ensure that project development would not result in substantial erosion or siltation violating water quality standards and discharge requirements. Therefore, impacts related to water quality are considered **less than significant** and no mitigation is required.

b) **Less Than Significant with Mitigation.** The Project Site is located in the foothills North American Subbasin, which overlies the eastern central portion of the Sacramento Valley Groundwater Basin, which

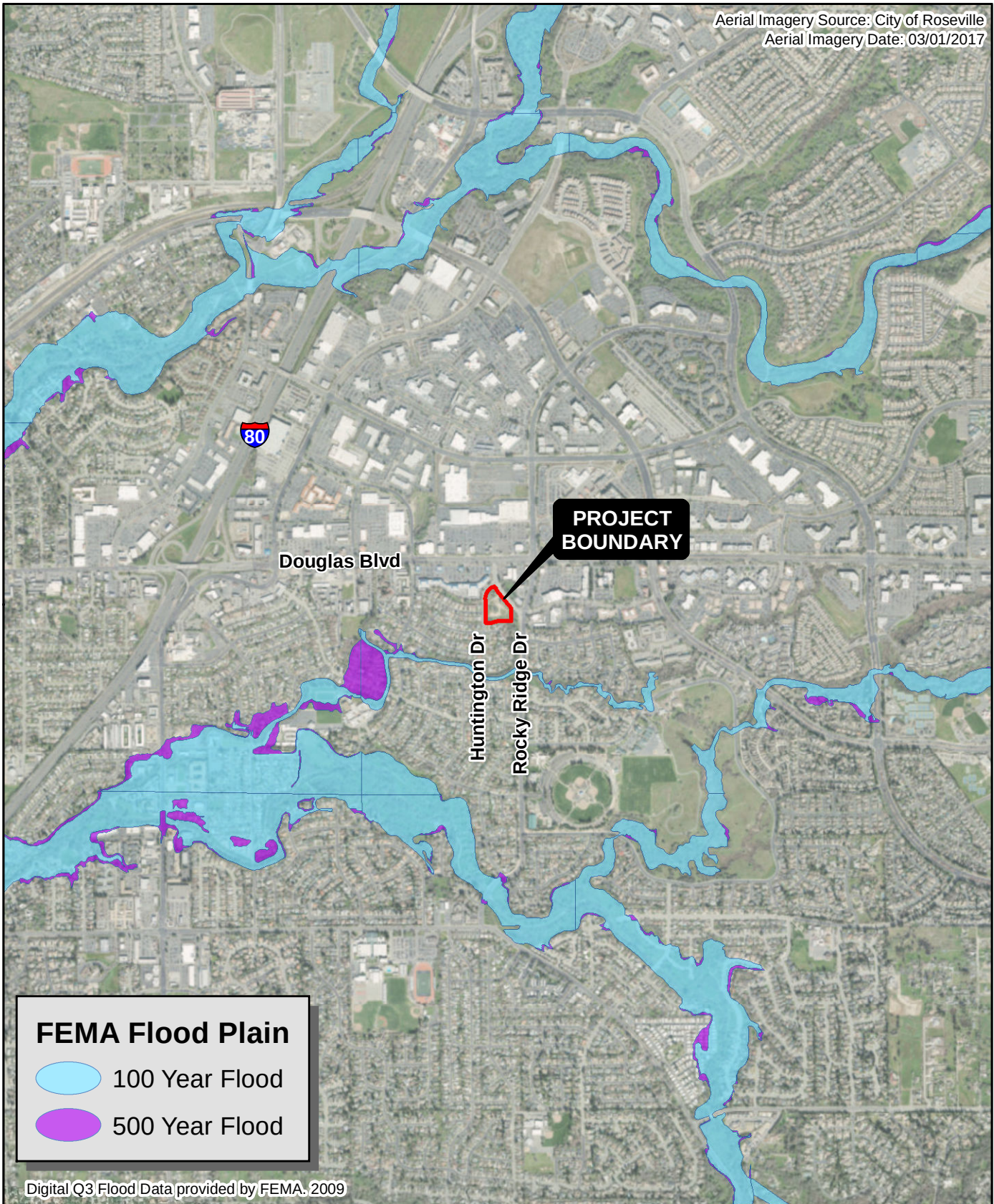
has a total surface area of approximately 351,000 acres, or 548 square miles. Groundwater recharge in the basin occurs mostly by infiltration from the Sacramento, Feather, and Bear Rivers, along with their tributaries. There are currently no artificial recharge areas for the North American Subbasin.

Water supply for the Proposed Project would come from existing City water supplies, which include wells as well as surface water sources. Project demand is anticipated to exceed City-defined allocations for the Project Site, when compared to the City's defined baseline usage and current land use designations on the Project Site. Impacts associated with water supply sufficiency are discussed in **Section XVIII, Utilities and Service Systems**. Project-related demands for water would be required to comply with existing City standards, as assessed within the City's Water Supply Assessment and the Water Conservation Plan (WCP) prepared for the Proposed Project (**Attachment 6**). The WCP identifies anticipated project baseline usage and identify measures to reduce project water demand to levels which meet or are less than the City's allocated water demand for the Project Site. Proposed post-construction water quality BMPs, including bio-retention facilities and swales would accommodate onsite infiltration of stormwater. Therefore, the Proposed Project is not anticipated to interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. Implementation of **Mitigation Measure USS-1** would require the Project Applicant to implement measures identified in the City approved WCP for the Proposed Project identifying specific measures to be implemented to facilitate reductions in water usage. Therefore, reducing impacts to ***less than significant with mitigation incorporated***.

- g, h) **No Impact.** The Project Site is not located within a FEMA-designated 100-year flood hazard area (**Figure 16**), or within the City's regulatory floodplain. Therefore, no structures would be placed within a FEMA-designated or local 100-year flood hazard area that would impede or redirect flood flows. Additionally, the Proposed Project would not involve placing housing in special flood hazard areas. Therefore, project development would result in ***no impact*** related to impeding or redirecting flood flows within a FEMA-designated or local 100-year flood hazard area. No mitigation is required.
- i) **Less Than Significant Impact.** The Project Site is not located within the vicinity of a dam or levee. Folsom Dam is located approximately 10 miles southeast of the Project Site and is the closet dam to the Project Site. While portions of the City could be subject to flooding in the event of failure or damage of Folsom Dam, the Project Site is not located in an area that would be subject to inundation due to dam failure. Therefore, impacts would be ***less than significant*** and no mitigation is required.
- j) **No Impact.** The Project Site is not located near an ocean coast or enclosed body of water that could produce a seiche or tsunami, nor is the site located near areas having steep slopes that would create mudflows. Therefore, ***no impact*** would result from project development and no mitigation is required.

Mitigation Measures

Implementation of **Mitigation Measure USS-1** (see **Section XVIII, Utilities and Service Systems**) would reduce potential impacts to Hydrology and Water Quality relevant to the Proposed Project.



HUNTINGTON SENIOR APARTMENTS FEMA FLOODPLAIN LOCATION			
FOOTHILL ASSOCIATES ENVIRONMENTAL CONSULTING • PLANNING • LANDSCAPE ARCHITECTURE © 2019	N	0 1000 2000 FEET 1 : 24,000	Drawn By: MUB QA/QC: CTG Date: 1/29/2019

FIGURE 16

X. Land Use and Planning

Per the City's General Plan, *Land Use Element*¹⁸ the current land use designation for the Project Site is Community Commercial and Medium Density Residential (**Figure 2**). The Project Site is within the Infill Specific Plan area per the *City of Roseville Zoning Map*¹⁹ and is within an area zoned as PD (**Figure 3**). Adjacent land uses include CC and MDR. Development of the Proposed Project would require a Rezone and General Plan Amendment to change existing CC and MDR land use designations to HDR. The project entitlements include Rezone and General Plan Amendment to change existing CC and MDR land use designations to HDR. As shown on **Figure 4**, a lot line adjustment is proposed along the northwestern corner and southeastern edge of the Project Site.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Physically divide an established community?	☐	☐	☐	☒
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to land use and planning are as stated in CEQA Guidelines Appendix G, as shown in a) through c) of the checklist above. Consistency with applicable City General Plan policies, Improvement Standards, and design standards is already required and part of the City's processing of permits and plans, so these requirements do not appear as mitigation measures. Land use regulations applicable to the Project Site include the City's General Plan 2035 and the Zoning Ordinance.

Discussion of Checklist Answers:

- a) **No Impact.** The Proposed Project would result in development of a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings, a community clubhouse, and associated parking. Development of the Proposed Project would include adequate roads, pedestrian paths, and bicycle paths to provide connections within the community. The Proposed Project would not physically divide an established community. Therefore, **no impact** would result from development of the Proposed Project and no mitigation is required.
- b) **Less Than Significant Impact.** As summarized above, the current land use designation for the Project Site is Community Commercial and Medium Density Residential. Development of the Proposed Project

¹⁸ City of Roseville. 2017. *General Plan 2035 Land Use Map*, updated March 2017. Available online at: <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8853705>. [Accessed 1/10/18].

¹⁹ City of Roseville. 2017. *Zoning Map*, updated March 2017. Available online at: https://www.roseville.ca.us/government/departments/development_services/planning/zoning_information/. [Accessed 1/11/18].

would require a Rezone and General Plan Amendment to change existing Community Commercial and Medium Density Residential land use designations to High Density Residential. Design Review standards, as well as City-required Conditions of Approval would ensure that the Proposed Project would be developed in conformance with all applicable land use plans and ordinances, and would not conflict with any agency's plans, policies, or regulations adopted for the purpose of avoiding or mitigating an environmental effect. The Project Site is not located within a coastal zone management area. Therefore, impacts from development of the Proposed Project would be ***less than significant*** and no mitigation is required.

- c) **No Impact.** There are no Habitat Conservation Plans, Natural Conservation Community Plans, or other adopted plans applicable to the Proposed Project. Therefore, ***no impact*** would result from development of the Proposed Project and no mitigation is required.

Mitigation Measures

No mitigation is required.

XI. Mineral Resources

The Surface Mining and Reclamation Act (SMARA) of 1975 requires the State Geologist to classify land into Mineral Resource Zones (MRZ's) based on the known or inferred mineral resource potential of that land. The California Department of Conservation, Division of Mines and Geology (CDCDMG) was historically responsible for the classification and designation of areas containing, or potentially containing, significant mineral resources, though that responsibility now lies with the California Geological Survey (CGS). CDCDMG published Open File Report 95-10, which provides the mineral classification map for Placer County²⁰. A detailed evaluation of mineral resources has not been conducted within the City limits, but MRZ's have been identified. There are four broad MRZ categories (MRZ-1 through MRZ-4), and only MRZ-2 represents an area of known significant mineral resources. The General Plan EIR included Exhibit 4.1-3, depicting the location of MRZ's in the City limits. There is only one small MRZ-2 designation area, located at the far eastern edge of the City.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to mineral resources are as stated in CEQA Guidelines Appendix G, as shown in a) and b) of the checklist above.

Discussion of Checklist Answers:

a, b) **No Impact.** The Project Site is not in the area of the City known to include any mineral resources that would be of local, regional, or statewide importance. Therefore, **no impact** would result from the development of the Proposed Project on mineral resources and no mitigation is required.

Mitigation Measures

No mitigation is required.

²⁰ Davis, James F. *Mineral Land Classification of Placer County, California*, California Geological Survey Open-File Report 95-10. 1995. Available online at: <http://www.conservation.ca.gov/cgs/information/publications/counties/Pages/pla.aspx>. [Accessed 03/05/18].

XII. Noise

The Project Site is currently undeveloped and surrounded by single-family residential to the south, duplex residential to the west, a small area of undeveloped oak woodland to the northeast, and business development to the northwest and northeast, adjacent to the off-site oak woodland. The existing ambient noise environment in the immediate vicinity of the Project Site is primarily defined by traffic on Strauch Drive and Huntington Drive. Both Huntington Drive and Strauch Drive are two-lane roadways. The Proposed Project does not include any features that are significant sources of noise, such as a pool or other noise-generating outdoor activity area. The primary source of potential noise from the Proposed Project is related to construction, though traffic is also addressed.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b) Exposure of persons to or generation of excessive ground borne vibration of ground borne noise levels?	☐	☐	☒	☐
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☐	☒
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☒	☐	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

Standards for transportation noise and non-transportation noise affecting existing or proposed land uses are established within the City's General Plan *Noise Element* Table IX-1 and IX-3, and these standards are used as the thresholds to determine the significance of impacts related to items a) and c). The significance of other noise impacts is based directly on the CEQA Guidelines checklist items b), and d) through f) listed above. The *Findings of the Implementing Procedures* indicate that compliance with the City Noise Regulation (RMC Ch. 9.24) would prevent significant non-transportation noise as it relates to items a), b), and c). The Ordinance establishes noise exposure standards that protect noise-sensitive receptors from a variety of noise sources, including non-transportation/fixed noise, amplified sound, industrial noise, and events on public property. The project is not within an airport land use plan or within two miles of a public or public use airport, and there are also no private airstrips in the vicinity of the Project Site.

Discussion of Checklist Answers:

- a) **Less Than Significant Impact.** The Proposed Project would construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Bollard Acoustical Consultants prepared an Environmental Noise and Vibration Assessment (**Attachment 5**) for the Proposed Project. The following discussion evaluates the impacts of the Proposed Project.

The City's General Plan, *Noise Element* has established Goals and Policies relating to evaluating noise impacts due to projects. The overall noise goal for the City is to protect the health and welfare of the community by promoting community development which is compatible with noise level criteria. The *Noise Element* establishes noise standards for maximum allowable noise exposure due to non-transportation (stationary) sources and fixed noise sources, as well as for transportation sources. For transportation sources Table IX-1 indicates a noise threshold of 60 dB L_{dn} for outdoor residential activity areas (backyard patios or decks) and 45 dB L_{dn} for interior spaces. Standard residential construction practices provide an approximately 25 dB decrease in noise, and therefore if a project meets the exterior noise standard, it would also meet the interior noise standard. As summarized below in **Table 9**, fixed noise sources are not to exceed 50 dBA L_{eq} and 70 dBA L_{max} during daytime hours (7:00 A.M. to 10:00 P.M.) and 45 dBA L_{eq} and 65 dBA L_{max} during nighttime hours (10:00 P.M. to 7:00 A.M.) as measured at the property line of noise sensitive land uses. These standards apply to permanent increases in noise, not to construction noise, which is instead regulated by the City's Health and Safety Ordinance and is evaluated within checklist item d).

Table 9 — Sound Level Standards for Non-Transportation or Fixed Sound Sources

Sound Level Descriptor	Daytime (7:00 A.M. to 10:00 P.M.)	Nighttime (10:00 P.M. to 7:00 A.M.)
Hourly L_{eq} , dB	50	45
Maximum Level, dB	70	65

Notes:

- A. Each of the sound level standards specified in Table 1 shall be reduced by five dB for simple tone noises, consisting of speech and music.
- B. If the intruding sound source is continuous and cannot be reasonably be discontinued or stopped for a time period whereby the ambient sound level can be measured, the sound level measured while the source is in operation shall be compared directly to the sound level standards of Table 1 (Ord. 3638 § 1, 2001.)

The existing noise environment at the Project Site is influenced by adjacent residential and commercial development and by vehicular noise attributable to traffic on Huntington Drive and Strauch Drive. The Project Site is surrounded by residential development to the south and west. The nearest residence is approximately 25 feet south of the Project Site. The existing mound on the Project Site may shield areas to the west and south from traffic noise from Rocky Ridge Drive and Douglas Boulevard, and therefore, its removal may increase noise volumes. In addition, the Proposed Project would add a small amount of additional traffic to surrounding roadways.

Traffic noise from all of the major roadways in the City was evaluated for the City's General Plan, based on existing conditions and City-wide buildout. Figure IX-5 of the City's General Plan *Noise Element* shows the 60 and 65 dB L_{dn} noise contours which resulted from that analysis. The analysis did not account for any existing noise control or shielding sources in the City, and therefore is a worst-case analysis. As shown in the Figure IX-5 of the City's General Plan *Noise Element*, the Project Site and surrounding residential areas to the south and east of the site are not within either of the identified noise contours, even if you exclude consideration of the existing commercial buildings and the mound on the Project Site,

which shield this neighborhood from traffic noise. Therefore, removal of the mound would not increase noise volumes to levels which exceed adopted standards.

According to the Environmental Noise and Vibration Assessment prepared by Bollard Acoustical Consultants, Inc.²¹, the existing average ambient noise volume, which is dominated by traffic noise from Huntington Drive, is 58.3 dB. The exterior transportation noise threshold is 60 dB. Therefore, project traffic would need to generate a 2 dB increase in noise volume in order to exceed standards. During the peak hour, the project would generate 18 trips. This small increase in traffic volume is insufficient to generate a 2 dB increase in noise. Project traffic would not increase noise volumes to levels which exceed adopted standards. The Proposed Project would not exceed noise standards, and therefore impacts are considered **less than significant**.

- b) **Less Than Significant Impact.** Construction of proposed improvements may result in vibration and groundborne noise and may have the potential to impact residents adjacent to the Project Site. Primary sources of groundborne noise are anticipated to result from the construction of the Proposed Project, which would involve construction equipment including, but is not limited to: crane, jackhammer, grader, concrete mixer, roller, and paver.

The City does not currently have adopted standards for groundborne vibration. To analyze groundborne vibration, this analysis relies on the vibration criteria established by Caltrans²², because it is an accepted statewide methodology for assessing these impacts. Vibration can be described in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration measures in terms of velocity in inches per second (in/sec). Standards pertaining to perception as well as damage to structures have been developed for vibration in terms of peak particle velocity (PPV) as well as RMS velocities. Caltrans provides guidelines for acceptable vibration limits for transportation and construction projects in terms of the induced PPV. Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. The Caltrans criteria applicable to human responses to vibration are shown below in **Table 10**.

Table 10 — Human Response to Transient Vibration

Human Response/Structure	Peak Particle Velocity (PPV) (in/sec)
Barely Perceptible	0.04
Distinctly Perceptible	0.25
Strongly Perceptible	0.90
Severe	2.00
Residential Construction	1.0

As shown in **Table 10**, a vibration level of 0.25 in/sec is the level at which vibration becomes distinctly to strongly perceptible. As a result, the 0.25 threshold is considered to be a conservative benchmark against which project vibration levels are evaluated. Bollard Acoustical Consultants conducted a short-term (15-minute) vibration measurement assessment on March 5, 2018. Results of the survey are summarized in **Table 11** below.

²¹ Bollard Acoustical Consultants. 2018. Environmental Noise and Vibration Assessment. May 8, 2018.

²² California Department of Transportation (Caltrans). 2013. *Transportation and Construction Vibration Guidance Manual*. September 2013.

Table 11 — Short-Term Vibration Measurement Survey Results²³

Site	Time	Average Vibration, VdB RMS
1	2:57 P.M.	52

As shown above in **Table 11**, the measured average vibration levels during the survey were 52 VdB RMS. The measured vibration level of 52 VdB RMS is well below the threshold of perception, or, below 0.1 inches per second (in/sec) if converted to Peak Particle Velocities (PPV). The greatest source of construction vibration for the Proposed Project would be a large bulldozer, which has a PPV of 0.089 in/sec. Adding this to the existing vibration levels of 0.1 in/sec results in total PPV of 0.189 in/sec, which remains below the detectible level of 0.25 in/sec PPV. At the nearest residence to the Proposed Project, approximately 25 feet away, construction-generated vibration levels are predicted to be less than the 0.25 in/sec PPV threshold at which vibration levels become distinctly perceptible. As a result, this impact is considered **less than significant** and no mitigation is required.

- c) **No Impact.** According to the Environmental Noise and Vibration Assessment prepared by Bollard Acoustical Consultants, Inc.,²⁴ the existing average ambient noise volume is 58.3 dB and the existing maximum is 78.5 dB. The threshold for permanent increases in ambient noise volumes is an increase of 3 dBA at the noise sensitive land use property line. Any potential increases in ambient noise levels in the project vicinity resulting from project construction activities would be temporary, and would only occur during the project construction phase. As a result, there would be no permanent increase in ambient noise levels as a result of construction of the Proposed Project. As discussed in checklist section a), proposed increases in traffic would not result in significant increases of noise. Removal of the mound on the Project Site would eliminate any noise shielding it provides; however, it would be replaced by multi-story buildings which would provide a similar level of shielding. Moreover, as previously discussed, the Project Site is not exposed to significant noise from Douglas Boulevard and Rocky Ridge Drive even when only accounting for proximity, with no shielding. Therefore, removal of the mound would not result in any significant increases in noise. **No impact** would result from the development of the Proposed Project and no mitigation is required.
- d) **Less Than Significant with Mitigation.** The ambient noise environment in the immediate project vicinity is primarily defined by traffic on the nearby roadways (Strauch Drive and Huntington Drive). The ambient noise measurement site was located approximately 25 feet from the centerline of Huntington Drive, approximately the same distance from the residential property to the west of the Project Site to the centerline of Huntington Drive. According to the ambient noise level measurement results (representative of ambient noise levels at residences adjacent to Huntington Drive), the measured daytime maximum noise level was 79 dB L_{max}.

Construction of the Proposed Project would be a source of temporary or periodic increases in ambient noise levels that could be audible to nearby residents. Construction would involve the use of heavy equipment for grading, excavation, paving and building construction, which would increase ambient noise levels when in use. The mix of equipment operating would vary depending on the activity being conducted onsite, and noise levels would vary based on the type of equipment being used, how it is operated, and how well it is maintained. Noise exposure at any single point outside the Project Site would also vary depending on the proximity of construction activities at that point. Standard construction equipment, such as graders, backhoes, loaders, and trucks, would be used for this work.

The range of maximum noise levels for various types of construction equipment at a distance of 50 feet is depicted below in **Table 12**. The noise values represent maximum noise generation, or full power

²³ Bollard Acoustical Consultants. 2018. Environmental Noise and Vibration Assessment. May 8, 2018.

²⁴ *ibid*.

operation of the equipment. As one increases the distance between equipment, or increases separation of areas with simultaneous construction activity, dispersion and distance attenuation reduce the effects of combining separate noise sources.

Table 12 — Construction Equipment Noise Emission Levels²⁵

Equipment	Typical Noise Level (dBA) 50 Ft. from Source
Air Compressor	81
Compactor	80
Concrete Mixer	82
Concrete Pump	85
Concrete Vibrator	76
Crane, Mobile	83
Dozer	85
Generator	81
Grader	85
Impact Wrench	85
Jack Hammer	88
Loader	85
Paver	89
Pneumatic Tool	85
Pump	76
Roller	74
Saw	76
Truck	88

The nearest sensitive receptors to the Project Site are single-family residences located to the south, with the nearest residence located approximately 25 feet from construction activities that would occur on the Project Site. As shown above on **Table 12**, construction activities typically generate noise levels ranging from approximately 75 to 89 dB L_{max} at a reference distance of 50 feet from the construction activities. The noise levels from construction operations decrease at a rate of approximately 6 db per doubling distance from the source. As a result, maximum construction noise levels would range from 81 to 95 dB L_{max} at the nearest residence. Note, that these are exterior noise volumes; with windows closed, the walls of a typical home reduce interior noise by approximately 25 dB. Interior noise is expected to be approximately 56 to 70 dB.

Construction is a necessary activity in developing urban environments, as vacant sites are developed or existing buildings are remodeled. While actions can be taken to reduce the noise impacts of construction on existing residents and businesses, by requiring muffling devices and limiting the hours of construction to the daytime, construction noise cannot be avoided. It is acknowledged that construction-related noise may be considered a nuisance to sensitive receptors in the residential neighborhoods adjacent to the Project Site; however, this increase would be short-term, and would not result in a permanent increase in ambient noise levels. The City only exempts noise associated with construction if it occurs between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday and between 8:00 A.M. and 8:00 P.M. on Saturday and Sunday because these hours are outside of the recognized sleep hours for residents and outside of evening and early morning hours and time periods where residents are most sensitive to

²⁵ U.S. Department of Transportation. 2006. *Transit Noise and Vibration Impact Assessment*. Federal Transit Administration, Table 12-1. May 2006.

exterior noise. Thus, active construction is limited to daytime hours or it is in violation of the City's Noise Regulations. These regulations are monitored and enforced by the City's engineering and building inspection staff. Construction work on the Proposed Project would only occur between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday and between 8:00 A.M. and 8:00 P.M. on Saturday and Sunday. Since the noise ordinance is enforced through existing regulatory mechanisms and the City's construction inspection staff, no mitigation is required. The Proposed Project would comply with the City's Municipal Code requirements for construction noise..

Based on the measured daytime noise level at the measurement site, maximum noise levels generated during project construction activities would be equivalent to or up to 15 dB greater than existing maximum noise levels currently received by nearby residences. However, these maximum volumes would only occur during the beginning stages of the project construction, while the Project Site is being graded and leveled with large, heavy equipment. Most of the remainder of construction would involve smaller or hand-held equipment which generates much less noise, and would not be as close to the property line as grading activities. However, during this initial site preparation, it is recognized that due to proximity of several residential backyards and the sustained, though temporary, periods of noise which would result during grading, mitigation to reduce nuisance noise impacts is recommended.

Mitigation Measure NOISE-1 reduces the noise impacts to the extent practicable, and also ensures noticing of adjacent residents of the construction schedule. Among the noise-reducing measures is the requirement to build the masonry wall on the southern property line as early as practicable, as the masonry wall would provide noise shielding for properties to the south. The noticing requirement would help residents make plans to avoid or limit their outdoor exposure to grading noise, such as by scheduling outdoor events for periods when heavy grading is not planned. **Mitigation Measure NOISE-1** would ensure that impacts related to temporary increases in ambient noise are *less than significant with mitigation incorporated*.

- e, f) **No Impact.** The Proposed Project is not located within the immediate vicinity of an airport land use plan, or within two miles of a public airport. The Proposed Project is approximately ten miles southeast of the privately owned Fiddymont Field Airport; however, the airport is permanently closed. The Proposed Project would involve the construction of a senior apartment complex and residents would not be exposed to hazardous noise levels from the private airport. There would be **no impact** and no mitigation is required.

Mitigation Measures

MM Noise-1: The following measures shall be incorporated into project construction operations:

- At least two weeks advance notice shall be provided to the homes adjacent to the Project Site (1803, 1805, and 1807 Tanglewood Lane; 1636 Huntington Drive; and 1734A, 1734B, 1735A, and 1735B Kent Street), advising the residents of the proposed commencement of rough grading activities. If the grading activities are expected to occur for longer than two weeks, the notice shall include the likely duration of grading activities.
- To the extent feasible, rough site grading activities shall progress from north to south, thereby preserving the shielding provided by the intervening topography for the maximum practicable duration.

- The masonry wall on the southern property boundary shall be constructed as early in the construction phase as possible, so that it will provide attenuation of noise generated during the remainder of construction.
- All noise-producing project equipment and vehicles using internal combustion engines used for construction shall be fitted with manufacturer recommended mufflers and be maintained in good working condition.
- All mobile or fixed noise-producing equipment used on the Project Site that are regulated for noise output by a federal, State, or a local agency shall comply with such regulations while in the course of project activity.
- Electrically powered equipment shall be used instead of pneumatic or internal combustion-powered equipment, where feasible.
- Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practicable from noise sensitive receptors.
- Project area and site access road speed limits shall be established and enforced during the construction period.

XIII. Population and Housing

Per the City's General Plan, *Land Use Element*²⁶ the current land use designation for the Project Site is Community Commercial and Medium Density Residential (**Figure 2**). The Project Site is within the Infill Specific Plan area per the *City of Roseville Zoning Map*²⁷ and is within an area zoned as PD (**Figure 3**). The *City of Roseville General Plan* Table II-4 identifies the total number of residential units and population anticipated as a result of buildout of the City, and the Specific Plan likewise includes unit allocations and population projections for the Plan Area.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to population and housing are as stated in CEQA Guidelines Appendix G, as shown in a) through c) of the checklist above.

Discussion of Checklist Answers:

- a) **Less Than Significant Impact.** The CEQA Guidelines identify several ways in which a project could have growth-inducing impacts (Public Resources Code Section 15126.2), either directly or indirectly. Growth-inducement may be the result of fostering economic growth, fostering population growth, providing new housing, or removing barriers to growth. Growth inducement may be detrimental, beneficial, or of no impact or significance under CEQA. An impact is only deemed to occur when it directly or indirectly affects the ability of agencies to provide needed public services, or if it can be shown that the growth would significantly affect the environment in some other way. Development of the Proposed Project would require a Rezone and General Plan Amendment to change existing CC and MDR land use designations to HDR. The Proposed Project would therefore provide additional housing than that which is currently anticipated for the Project Site under existing General Plan Land Use Designation and Zoning. However, although the density of residential units on the Project Site would increase, the Proposed Project would consist of an age-restricted community consisting of 76 apartment units intended to provide housing for seniors within an urbanized setting anticipated for infill development by the General Plan within the City of Roseville, with existing utilities and service available to serve the Proposed Project and

²⁶ City of Roseville. 2017. *General Plan 2035 Land Use Map*, updated March 2017. Available online at: <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8853705>. [Accessed 1/10/18].

²⁷ City of Roseville. 2017. *Zoning Map*, updated March 2017. Available online at: https://www.roseville.ca.us/government/departments/development_services/planning/zoning_information/. [Accessed 1/11/18].

would therefore not be considered “growth-inducing.” Impacts are therefore considered ***less than significant***.

- b, c) **No Impact.** The Project Site is currently undeveloped and is located within an area designated as infill. Development of the Proposed Project would include an age restricted (+55) apartment complex. The Proposed Project would not displace any existing housing or people. Therefore, ***no impact*** would result from development of the Proposed Project and no mitigation is required.

Mitigation Measures

No mitigation is required.

XIV. Public Services

Fire protection, police protection, park services, and library services are all provided by the City of Roseville. Residential areas surrounding the Project Site are served by the Roseville City School District (RCSD) and the Roseville Joint Union High School District (RJUHS). The RCSD serves kindergarten through 8th grade students.²⁸ The RJUHS serves 9th through 12th grade students.²⁹ Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services listed below.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Fire protection?	☐	☐	☒	☐
b) Police protection?	☐	☐	☒	☐
c) Schools?	☐	☐	☐	☒
d) Parks?	☐	☐	☒	☐
e) Other public facilities?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

The General Plan EIR identifies and adopts mitigation for impacts to public services, including fire protection, police protection, wastewater services, and solid waste disposal. The Proposed Project may incrementally increase the need for public services.

For the purpose of this IS, the significance thresholds related to public services are as stated in CEQA Guidelines Appendix G, as shown in a) through e) in the checklist above. The City's General Plan EIR addressed the level of public services which would need to be provided in order to serve planned growth in the community. In addition, the Proposed Project has been routed to the various public service agencies, both internal and external, to ensure that the Proposed Project meets the agencies' design standards (where applicable) and to provide an opportunity to recommend appropriate Conditions of Approval.

Discussion of Checklist Answers:

- a) **Less Than Significant Impact.** Existing City codes and regulations require adequate water pressure in the water lines, and construction must comply with the Uniform Fire and Building Codes used by the City of Roseville. The Proposed Project is served by the City of Roseville Fire Department, Station #4 located approximately 1-mile from the Project Site.³⁰ The City's General Plan, *Safety Element* identifies goals and policies to prevent and protect against catastrophic fire and minimize the loss of life and damage to property and the environment. Policies have been established to achieve a four-minute response time and an Insurance Service Office (ISO) rate of 3 or better. Additionally, the Project Applicant through the

²⁸ Roseville City School District (RCSD). 2018. Roseville City School District, My School Locator. Available online at: <http://locator.decisioninsite.com/?StudyID=196812>. Accessed [03/19/18].

²⁹ Roseville Joint Union High School District (RJUHS). 2018. Roseville Joint Union High School District, Attendance Boundary. Available online at: <https://www.rjuhsd.us/domain/5>. Accessed [03/19/18].

³⁰ City of Roseville Fire Department. 2017. Emergency Response Map, Location of Roseville Fire Stations. Available online at: <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8917224>. Accessed [03/20/18].

Development Agreement process would be required to pay a Fire Service Construction Tax, which is designated for fire suppression and protection. These funds must be spent on capital improvements, such as fire stations, fire apparatus, and fire equipment. Therefore, impacts to fire protection services associated with the development of the Proposed Project are considered **less than significant** and no mitigation is required.

- b) **Less Than Significant Impact.** Police protection services within the vicinity of the Proposed Project are provided by the City of Roseville Police Department. The police department is located on 1051 Junction Boulevard, approximately three miles from the Project Site. The City's General Plan, *Safety Element* identifies goals and policies to respond to both emergency and routine calls for service in a timely manner. Policies have been established to achieve a three-minute or less response time for 90 percent of all emergency calls. Additionally, the Project Applicant through the Development Agreement process, would be required to pay fees into a Community Facilities District, which provides funding for police services. Property taxes resulting from the development of the Proposed Project would add revenue to the General Fund, which also serves to fund police services. Therefore, impacts to police protection services associated with the development of the Proposed Project are considered **less than significant** and no mitigation is required.
- c) **No Impact.** The Proposed Project would involve construction of a multi-family, senior, age restricted (55+) apartment complex. Development of the Proposed Project would not result in the potential need for educational facilities. Therefore, **no impact** related to school facilities would result from project development and no mitigation is required.
- d) **Less Than Significant Impact.** The Project Applicant would be required to pay fees into a Community Facilities District, which provides funding for park services. The City's General Plan, *Parks and Recreation Element* identifies future park and recreation sites and facilities. The Proposed Project would not cause any unforeseen or new impacts related to the construction or expansion of recreational facilities. Therefore, impacts to park services associated with the development of the Proposed Project are considered **less than significant** and no mitigation is required.
- e) **Less Than Significant Impact.** The Project Applicant would be required to pay fees into a Community Facilities District, which provides funding for the library system and other such facilities and services. In addition, the City of Roseville charges fees to end-users for other services, such as garbage and greenwaste collection, in order to fund those services. Therefore, impacts to other public services associated with the development of the Proposed Project are considered **less than significant** and no mitigation is required.

Mitigation Measures

No mitigation is required.

XV. Recreation

The Proposed Project would construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking (**Figure 4**). The community clubhouse would include a community room and kitchen, gym, library, and dog grooming room. Four City parks are located within one-half mile of the Project Site (Marco Dog Park, 0.5 miles northwest of the Project Site; Maidu Regional Park, 0.7 miles southeast of the Project Site; Sierra Gardens Park, 1.2 miles southwest of the Project Site; and Lockridge Park, 1.5 miles southeast of the Project Site). The Maidu Community Center, located at Maidu Regional Park hosts a variety of recreation classes and serves the FAB “Fifty and Better” Club for City of Roseville residents and non-residents 50 years and older.³¹

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☒	☐	☐

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to recreation are as stated in CEQA Guidelines Appendix G, as shown in a) and b) of the checklist above.

Discussion of Checklist Answers:

- a) **Less Than Significant Impact.** The Proposed Project would include the integration of onsite recreational facilities. Increased use of surrounding recreational facilities is not anticipated to be substantial or result in accelerated deterioration of existing recreational facilities. Therefore, impacts associated with the development of the Proposed Project are considered ***less than significant*** and no mitigation is required.
- b) **Less Than Significant with Mitigation.** The Proposed Project would include the integration of onsite recreational facilities. Environmental impacts of the construction of these facilities are discussed throughout this IS. Where applicable, mitigation measures are identified to reduce potential environmental impacts to less than significant levels. The Proposed Project would not cause any unforeseen or new impacts related to the construction or expansion of recreational facilities. Therefore, impacts associated with the development of the Proposed Project are considered ***less than significant with mitigation incorporated***.

³¹ City of Roseville. 2018. City of Roseville, Parks and Recreation Programs and Classes. Available online at: <https://roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=11969673>. Accessed [03/20/18].

Mitigation Measures

Compliance with mitigation measures for **Biological Resources, Hydrology and Water Quality, Noise, Tribal Cultural Resources**, and **Utilities and Service Systems** would reduce potential impacts to a less than significant level.

XVI. Transportation/Traffic

The Proposed Project includes frontage on Huntington Drive and Strauch Drive. Both Huntington Drive and Strauch Drive are two-lane roadways. Douglas Boulevard, an east-west six-lane major arterial roadway intersects Strauch Drive approximately 377 feet north of the Project Site. Rocky Ridge Drive, a four-lane roadway running north-south intersects with Strauch Drive directly east of the Project Site. Douglas Boulevard is one of the major east-west routes through the City of Roseville that provides connectivity to Vernon Street, Interstate 80, and Auburn-Folsom Road in the community of Granite Bay. The Project Site's primary access points would be via two driveways, one off Huntington Drive, and one via Strauch Drive. The frontages of the Project Site are mostly unimproved. Where adjacent to the Project Site, Strauch Drive includes curb and gutter, but no sidewalks exist on either side of the street. Huntington Drive is improved on the west side of the street, but on the eastern side on the Project Site there is no curb, gutter, or sidewalk.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☐	☐	☒	☐
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☐	☐	☒	☐
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☒
d) Substantially increase hazards due to a design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
e) Result in inadequate emergency access?	☐	☐	☒	☐
f) Conflict with adopted policies, plans, or programs supporting public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

The significance of checklist items c) through f) are based directly on the CEQA Guidelines checklist descriptions. For checklist items a) and b), the *Circulation Element* of the City's General Plan establishes Level of Service C

or better as an acceptable operating condition at all signalized intersections during a.m. and p.m. peak hours. Exceptions to this policy may be made by the City Council, but a minimum of 70 percent of all signalized intersections shall maintain LOS C. The Findings of the Implementing Procedures indicate that compliance with the Traffic Mitigation Fee (RMC Ch. 4.44) would fund roadway projects and improvements necessary to maintain the City's Level of Service standards for projects consistent with the General Plan and related Specific Plan. An existing plus project conditions (short-term) traffic impact study *may* be required for projects with unique trip generation or distribution characteristics, in areas of local traffic constraints, or to study project access. A cumulative plus project conditions (long-term) study is required if a project is inconsistent with the General Plan or Specific Plan and would generate 50 or more PM peak-hour trips than had been anticipated. The guidelines for traffic study preparation are found in the City of Roseville Design and Construction Standards, Section 4.

City Engineering staff reviewed the Proposed Project and determined that a short-term traffic study was not required. While the Proposed Project is inconsistent with the existing General Plan land use designation (project entitlements include a Rezone and General Plan Amendment to change existing CC and MDR land use designations to HDR), the Proposed Project would not generate more trips than had been anticipated for the Project Site in the City's General Plan citywide traffic analysis. City Engineering staff calculated the project trip generation, and determined that the Proposed Project would actually reduce anticipated peak hour trips by 73 tips. This is because the trip rates within the City's traffic model for Medium Density Residential and Commercial (the existing land use designations, **Figure 2**) are much higher than are the rates for senior apartment communities. The Proposed Project would reduce trip generation compared to what had been anticipated within the City's General Plan. Therefore, a long-term conditions traffic study is not warranted.

The Project Site is not located within an airport planning area or within any height restriction area established around an airport for the purpose of protecting navigable airspace. Consequently, impacts to changes in air traffic patterns (checklist item c) were screened out of the analysis.

Discussion of Checklist Answers:

a, b, d) **Less Than Significant Impact.** The Project Site access on Huntington Drive has been aligned with Kent Street, so that offset points of access are avoided. The Project Site access on Strauch Drive is designed to allow right-in, right-out only turning movements, to avoid conflicts with movements at the nearby traffic signal at Rocky Ridge Drive and Strauch Drive. For the eastbound and westbound travelers, the signal at Rocky Ridge Drive and Strauch Drive is a permissive left-turn, which means that the light turns green and the left turn yields to oncoming traffic. This intersection was examined for safety and to determine whether standards for a signal modification would be met, and it was determined that the accident rate at this signal is low (on average 3 per year, with only one in 2018), and that traffic volumes did not warrant a signal modification.

Traffic data for Strauch Drive indicates that the peak travel time on this roadway is 3:00 P.M. to 6:00 P.M., during which time the roadway experiences volumes of approximately 260 vehicles per hour. The Proposed Project would only add 18 new peak hour trips to the existing conditions. City Engineering staff indicate this low volume is consistent with the design and capacity of the roadway. For perspective, a major facility such as the nearby Douglas Boulevard and Rocky Ridge Drive intersection may experience approximately 5,000 vehicles in a single hour. Huntington Drive is a residential collector street with volumes as low as that of Strauch Drive, and is also operating well within the design capacity for the roadway.

The Proposed Project has been reviewed by the City Engineering and City Fire Department staff, and has been found to be consistent with the City's Design Standards. Project development would involve construction of a senior, age restricted (55+) apartment complex. The project would not substantially increase vehicle trips in the project vicinity. City Engineering staff have reviewed the proposal and nearby facilities and conclude the Proposed Project does not include any design features that could result in

increased safety hazards. Therefore, impacts are considered ***less than significant*** and no mitigation is required.

- c) **No Impact.** The Proposed Project would not result in a change in air traffic patterns. There would be ***no impact*** and no mitigation is required.
- e) **Less Than Significant Impact.** Project development may involve temporary road or lane closures during construction. All temporary lane closures or detours would require an encroachment permit from the City which would require that lane closures and detours be implemented according to City standards. No emergency access routes would be affected by the Proposed Project. Access to the Project Site would be provided via Huntington Drive and Strauch Drive. Furthermore, standard Conditions of Approval added to all City projects require compliance with Fire Codes and City's Design Standards. Therefore, impacts are considered ***less than significant*** and no mitigation is required.
- f) **Less Than Significant Impact.** The City of Roseville has adopted a Pedestrian Master Plan, Bicycle Master Plan, and Short-Range Transit Plan. The Proposed Project was reviewed for consistency with these documents. With the exception of a sidewalk system on the frontage of Huntington Drive and Strauch Drive, the Pedestrian Master Plan, Bicycle Master Plan, and Short-Range Transit Plan do not identify facilities on the Project Site. The project design includes installation of sidewalks adjacent to Huntington Drive and Strauch Drive. This would complete the pedestrian circulation system in the project vicinity, which currently does not include pedestrian facilities which connect Strauch Drive to Rocky Ridge Drive. Thus, the Proposed Project results in a beneficial impact related to pedestrian access and circulation. The Proposed Project is consistent with the policies of the Pedestrian Master Plan, Bicycle Master Plan, and Short-Range Transit Plans. Therefore, impacts are considered ***less than significant*** and no mitigation is required.

Mitigation Measures

No mitigation is required.

XVII. Tribal Cultural Resources

As described within the *Open Space and Conservation Element* of the City's General Plan, the Roseville region was within the territory of the Nisenan (also Southern Maidu or Valley Maidu). Two large permanent Nisenan habitation sites have been identified and protected within the City's open space (in Maidu Park). Numerous smaller cultural resources, such as midden deposits and bedrock mortars, have also been recorded in the City. A majority of documented sites within the City are located in areas designated for open space uses.

Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?	☐	☐	☒	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Thresholds of Significance and Regulatory Setting:

In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe.

Discussion of Checklist Answers:

- a) **Less Than Significant Impact.** No tribal cultural resources are known to exist on the Project Site, and the Proposed Project is located within the Infill Specific Plan area and is within an area zoned as Planned Development. The General Plan EIR does not note the presence of any listed or eligible resources on the Project Site. The Proposed Project would not result in any new impacts beyond those already discussed and disclosed in the General Plan EIR. Therefore, project-specific impacts are **less than significant** and no mitigation is required.
- b) **Less Than Significant Impact with Mitigation.** The City provided notice of the Proposed Project to appropriate tribal representatives pursuant to both Senate Bill 18 (SB 18) and Assembly Bill 52 (AB 52). A response from the United Auburn Indian Community of the Auburn Rancheria (UAIC) was received,

requesting consultation. The City and UAIC exchanged additional information via e-mail and through phone conversations, eventually concluding that standard mitigation would be sufficient. The UAIC and the City concluded consultation in agreement. As requested by the UAIC, standard mitigation has been included. **Mitigation Measures TCR-1 and TCR-2** grants tribal representatives access to the Project Site during development, to observe ground-disturbing activities, **Mitigation Measure TCR-3** provides for contractor awareness training, and **Mitigation Measure TCR-4** includes cessation of work should any resources be uncovered, and procedures to follow after an unanticipated discovery. Therefore, project-specific impacts are *less than significant with mitigation incorporated*.

Mitigation Measures

- MM TCR-1: Pre-Construction Inspections.** A minimum of seven days prior to beginning earthwork or other soil disturbance activities, the contractor or Project Applicant shall notify the City of the proposed earthwork start-date, in order to provide the City representative sufficient time to contact the United Auburn Indian Community. A tribal representative shall be invited to, at its discretion, voluntarily inspect the project location, including any soil piles, trenches, or other disturbed areas, within the first five days of ground breaking activity. Construction activity may be ongoing during this time. Should the tribe choose not to perform a field visit within the first five days, construction activities may continue as scheduled, as long as the notification was made.
- MM TCR-2: Unpaid Tribal Observation.** A minimum of seven days prior to beginning earthwork or other soil disturbance activities, the contractor or Project Applicant shall notify the City of the proposed earthwork start-date, in order to provide the City representative sufficient time to contact the United Auburn Indian Community. A tribal representative shall be invited to, at its discretion, voluntarily observe any or all ground-disturbing activities during construction. The tribe shall be provided 72 hours to accept or decline observation and shall provide the names of all tribal personnel who will be present to observe activity. All tribal observers shall be required to comply with all job site safety requirements and shall sign a waiver of liability prior to entering the job site. Should the tribe choose not to observe any or all of the activity, the City shall deem the mitigation measure completed in good faith without tribal observation as long as the notification was made and documented.
- MM TCR-3: Contractor Awareness Training.** The Project Applicant shall ensure that a Contractor Awareness Training Program is developed and delivered to train equipment operators about cultural resources and tribal cultural resources. The program shall be designed to inform construction personnel about: federal and State regulations pertaining to cultural resources and tribal cultural resources; the subsurface indicators of resources that shall require a work stoppage; procedures for notifying the City of any occurrences; and project-specific requirements; and enforcement of penalties and repercussions for non-compliance with the program.

The training shall be prepared by a qualified professional archaeologist and reviewed by City for approval, and may be provided in an audio-visual format, such as a DVD. The Project Applicant shall provide the United Auburn Indian Community the option of attending the initial training in person and/or providing additional materials germane to the unanticipated discovery of tribal cultural resources for incorporation into the training.

The training program shall be required for all construction supervisors, forepersons, and operators of ground-disturbing equipment, and all personnel shall be required to sign a training roster and display a hard hat sticker that is visible to City inspectors. The construction manager is responsible for ensuring that all required personnel receive the training. The Project Applicant shall provide a copy of the signed training roster to the City as proof of compliance.

MM TCR-4: Post-Review Discovery Procedures. If subsurface deposits believed to be cultural or human in origin, or tribal cultural resources, are discovered during construction, all work shall halt within a 50-foot radius of the discovery, and the Project Applicant shall immediately notify the City of Roseville Development Services Director. The City of Roseville will notify the tribes of the discovery, and a tribal representative shall have the opportunity to determine whether or not the find represents a tribal cultural resource. If a response is not received within five days of notification, the City will deem this portion of the measure completed in good faith as long as the notification was made and documented. The Project Applicant shall retain a qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeology and subject to approval by the City, to evaluate the significance of the find and develop appropriate management recommendations. All management recommendations shall be provided to the City in writing for the City's review and approval. If recommended by the qualified professional and approved by the City, this may include modification of the no-work radius. The following notifications shall apply, depending on the nature of the find, subject to the review and approval of the City:

- 1) Work may resume immediately and no agency notifications are required if: 1) the professional archaeologist determines that the find does not represent a cultural resource and, if a response from a tribal representative was received within five days 2) the tribal representative determines that the find does not represent a tribal cultural resource or determines that no further action is necessary.
- 2) If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, the City shall be notified immediately, to consult on a finding of eligibility and implementation of appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) that the treatment measures have been completed to its satisfaction.
- 3) If the find represents a Native American or potentially Native American resource (including a tribal cultural resource) that does not include human remains, the United Auburn Indian Community and City shall be notified. The City will consult with the tribe(s) on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be either a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines, or a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code. Preservation in place is the preferred treatment, if feasible. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) not a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code; or 3) that the treatment measures have been completed to its satisfaction.
- 4) If the find includes human remains, or remains that are potentially human, the construction supervisor or on-site archaeologist shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641) and shall notify the City and Placer County Coroner (per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California Public Resources Code, and Assembly Bill 2641 shall be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the Native American Heritage Commission, which then will designate a Native American Most Likely Descendant

(MLD) for the project (§ 5097.98 of the Public Resources Code). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the Public Resources Code). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the Public Resources Code). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the treatment measures have been completed to its satisfaction.

XVIII. Utilities and Service Systems

The project area has no existing utilities within the Project Site. It is expected that minimal work would need to be completed to the existing utility services serving the Project Site. The Proposed Project would tie into existing water lines along Strauch Drive, Huntington Drive, and Kent Street; storm drain lines along Huntington Drive and Kent Street; and the sanitary sewer system that runs along Huntington Drive and Kent Street. Water and sewer services are provided by the City of Roseville. Utilities are available within the existing streets adjacent to the Project Site. Storm water would be collected on-site and transferred via the existing storm drain system into an off-site storm drain system. Solid waste would be collected by the City of Roseville's Refuse Department. The City of Roseville would provide electric service to the Project Site, while natural gas would be provided by Pacific Gas and Electric Company (PG&E). Comcast would provide cable.

Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☒	☐
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☒	☐
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	☒	☐
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☒	☐	☐
e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	☐	☐	☒	☐
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☒	☐
g) Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	☒	☐

Thresholds of Significance and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to utilities and service systems are as stated in CEQA Guidelines Appendix G, as shown in a) through g) of the checklist above.

Discussion of Checklist Answers:

- a, e) **Less Than Significant Impact.** The Proposed Project would include 76 apartment units and would be served by the Dry Creek Wastewater Treatment Plant (DCWWTP). The CVRWQCB regulates water

quality and quantity of effluent discharged from the City's wastewater treatment facility. The DCWWTP has the capacity to treat 18 million gallons per day (mgd) and is currently treating 8.9 mgd. The volume of wastewater generated by the Proposed Project would be accommodated by the facility; the Proposed Project would not contribute to an exceedance of applicable wastewater treatment requirements. Therefore, the Proposed Project would not result in the need for new or expanded wastewater facilities and would not have an adverse effect on wastewater treatment requirements. Project-specific impacts are **less than significant** and no mitigation is required.

- b, c) **Less Than Significant Impact.** Development of the Proposed Project is a part of the Infill Specific Plan Area. Infrastructure would be constructed within the Project Site to tie the project into the existing major systems located within the adjacent roadways. These facilities would be constructed in locations where site development is already occurring as part of the overall Proposed Project.

An expansion of sewage treatment facilities is not required. Domestic water in the City of Roseville is treated at the City's Water Treatment Plant on Barton Road. The City's water treatment plant currently has a treatment capacity of 100 mgd, though due to pipe sizes a slightly smaller total capacity of 96.1 mgd can be conveyed to the plant for treatment. The *Amoruso Ranch Specific Plan Water Supply Assessment* (ARSP WSA, Appendix E of the Amoruso Ranch FEIR), dated May 2016, analyzed water demand at City buildout. The analysis indicates that peak treatment demand would be approximately 115 mgd, which is insufficient to serve peak demand at City buildout. However, the additional water demand would be provided through contracts with other water suppliers, such as the Placer County Water Agency (PCWA) and the San Juan Water District (SJWD), rather than through a treatment plant expansion. The Proposed Project would not require an expansion of water treatment capacity.

The General Plan notes intended expansion of the wastewater treatment and collection system in the Capital Improvement Plan. The Proposed Project would pay connections fees for wastewater connection. Connection fees help offset the cost of expansion of wastewater treatment facilities and collection and delivery systems for both wastewater and recycled water. Additionally, bioretention facilities would be constructed as part of the Proposed Project to attenuate the storm water on the Project Site. These facilities would help retain storm water runoff onsite during storm events to reduce peak flow volumes off site. Therefore, there would be no need for construction of new stormwater infrastructure or the expansion of existing infrastructure related to project development. Project-specific impacts are **less than significant** and no mitigation is required.

- d) **Less Than Significant with Mitigation.** In February 2008, then California Governor Arnold Schwarzenegger introduced a seven-part comprehensive plan for improving the Sacramento-San Joaquin Delta. As part of this effort, the Governor directed state agencies to develop a plan to reduce statewide per capita urban water use by 20 percent by the year 2020. In February 2010, the State Water Resources Control Board (SWRCB) issued the 20x2020 Water Conservation Plan, which sets forth a statewide road map to maximize the state's urban water efficiency and conservation opportunities between 2009 and 2020, and beyond.

As part of the response to the 20x2020 Plan, the City has a requirement that all new specific plan projects incorporate water conservation measures into the overall project design such that the overall water demands (both potable and recycled) are reduced. The City has an overall conservation goal of 20 percent for potable and irrigation water usage throughout the City.

Kimley-Horn and Associates, Inc., Inc. prepared a Water Conservation Plan (WCP) (**Attachment 6**) for the Proposed Project. The WCP presents measures and guidance that can result in a reduction of the projected overall water usage within the Proposed Project, which would contribute towards the City-wide conservation goal.

As summarized in **Table 13**, based on the City baseline water usage for HDR land uses (>16 dwelling units per acre) the proposed 76 apartment units would result in an average daily demand of 177 gallons per day per dwelling unit (GPD/DU), or 13,452 GPD for the Proposed Project. This equates to 0.041 acre feet (AF) demand. An acre foot is defined as the volume of water that would cover an acre of land a foot deep)

Table 13 — Proposed Project Water Usage Estimate

Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Average Daily Demand (GPD)	Total Average Day Demand (AF)
HDR(>16 DU's/ Acre)	76	177	13,452	0.041

As summarized in **Table 14**, water usage for HDR land uses and 76 apartment units with a 177 GPD/DU would result in a demand for 15.07 acre-feet of domestic water supply annually.

Table 14 — Proposed Project Water Use Factors and Demands

Land Use Zoning	Total Area (Acres)	Dwelling Unit County	Water Use Factor (GPD/DU)	Daily Demand (GPD)	Annual Demand (AFY)
HDR	3.2	76	177	13,452	15.07

A series of implementable water use reduction strategies and methods were identified and analyzed to calculate a quantifiable savings in water demand for the Proposed Project. The water use reduction strategies identified for the Proposed Project include:

Irrigation: The most effective and cost-efficient way to reduce water demand is by limiting the use of turf and replacing turf with low water use plants and landscaping. Because turf areas account for a sizeable portion of the water demand of residential developments they typically can be used for a sizable reduction in water use. However, because the size of turf areas is limited in HDR uses (the Proposed Project) the potential to save water by converting to low water demand landscaping can be limited. In an HDR development such as the Proposed Project, it would be reasonable to reduce irrigated lawn areas to 42 percent. The Proposed Project, however, would reduce the irrigated lawn area further, and is proposing to reduce the percent of the total irrigated area containing lawn/turf to 4,448 square feet (SF) (3.2%) of the overall Project Site. This area would be planted with low water demand plants and other landscaping to reduce overall water demand. In addition, although the turf areas would be irrigated, these areas would be used as bioswales that have an added benefit of reducing run-off and erosion and promoting water infiltration and groundwater recharge. Lastly, the use of low water demand vegetation provides other benefits such as enabling the use of more efficient irrigation systems such as drip watering. Implementation of planting low water consumption plants within landscaped areas and limiting irrigation areas to 3.2 percent of the Project Site would result in a 2.18 AF (14.5%) reduction in water use.

Smart irrigation controls: Smart and centrally located irrigation controllers restrict irrigation to times and rates necessary to maintain landscaping. They account for changes in the demand for water, which varies with weather patterns, seasonal influences and soil moisture content. For use in the Proposed Project, smart irrigation controllers would be required for all irrigated areas within the Project Site. Smart irrigation controls would result in a 0.16 AF (1.1%) reduction in water use.

Other water conservation methods: There are many other water conservation measures that would be implemented throughout the Proposed Project. Some of these conservation measures have already been included to the Proposed Project, including low flow shower heads, faucet aerators, etc., The Proposed

Project, however, also would include on demand hot water heaters and single (low) flush toilets. On demand hot water heaters would result in a 0.64 AF (4.2%) reduction in water use. Single (low) flush toilets account for a 0.75 AF reduction (5.0%) water use.

Table 15 provides a summary of the water conservation measures and their estimated savings in water use. Implementation of water conservation methods described above and in the WCP would reduce water demands by approximately 3.73 AFY or approximately 24.8%, below the 15.07 AFY that would be expected to occur if the Proposed Project was implemented without recommended water conservation measures.

Table 15 — Summary of Water Efficiencies

Water Conservation Opportunity	Total Water Demand (AFY)	Annual Demand without Reduction (AFY)	Annual Demand with Reduction (AFY)	Water Demand Reduction (AF)	Water Demand Reduction (%)
Irrigation	15.07	3.01	0.83	2.18	14.5%
Smart Irrigation Controls		0.82	0.66	0.16	1.1%
On-Demand Hot Water System ²		1.91	1.27	0.64	4.2%
Low Flush Toilets		1.96	1.21	0.75	5.0%
Other Water Uses ¹		7.37	7.37	—	—
Total		15.07	11.34	3.73	24.8%

¹ Other water uses include faucets, cooking, cleaning, clothing washing, bath, toilet leaks, and dishwasher.

² Assumes a 25% more efficient delivery of hot water.

Project development would require implementation of the water conservation measures identified in the WCP reduce water demands by 20 percent consistent with the City's has an overall conservation goals. Therefore, impacts related to water supply resulting from development of the Proposed Project are considered ***less than significant with mitigation incorporated***.

Implementation of **Mitigation Measure USS-1** would require the Project Applicant to implement measures identified in the City approved WCP for the Proposed Project identifying specific measures to be implemented to facilitate reductions in water usage.

- f, g) **Less Than Significant Impact.** The Western Placer Waste Management Authority (WPWMA) is the regional agency handling recycling and waste disposal for the western portion of the Placer County, including the City of Roseville. The regional waste facilities include a Material Recovery Facility (MRF) and the Western Regional Sanitary Landfill (WRSL). Currently, the WRSL is permitted to accept up to 1,900 tons of municipal solid waste per day. Per the General Plan, *Public Facilities Element*, the (WPWMA) controls a total of 800 acres, of which 290 acres are approved for use as a landfill. The existing 290-acre landfill has a projected lifespan until 2041. An additional 480 acres west of the current landfill was acquired by the City for future expansion. According to the solid waste analysis of the Amoruso Ranch Specific Plan FEIR, the WRSL has a total capacity of 36,350,000 cubic yards. As of July 1, 2013, a total of 10,672,400 cubic yards have been disposed at the WRSL, leaving a remaining capacity of 25,677,600 cubic yards. Under current projected development conditions, including buildout of General Plan and approved development plans, the WRSL has a projected lifespan extending through 2058. There is sufficient existing capacity to serve the Proposed Project. All residences and business in the City pay fees for solid waste collection, a portion of which is collected to fund future solid waste disposal expansion. The Proposed Project would not result in any new impacts associated with major infrastructure. The Proposed Project would be required to comply with current City policies, codes, and

regulations related to waste disposal services. Therefore, impacts associated with development of the Proposed Project would be considered a ***less than significant impact*** and no mitigation is required.

Mitigation Measures

MM USS-1: The Project Applicant shall implement measures identified in the City approved Water Conservation Plan for the Proposed Project identifying specific measures to be implemented to facilitate reductions in water usage.

XIX. Mandatory Findings of Significance

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Significance Criteria and Regulatory Setting:

For the purpose of this IS, the significance thresholds related to mandatory findings of significance are as stated in CEQA Guidelines Appendix G, as shown in a) through c) of the checklist above.

Discussion of Checklist Answers:

a, b, c) **Less Than Significant with Mitigation.** Implementation of the Proposed Project would have the potential to degrade the quality of the existing environment and would have the potential to degrade the quality of the environment and result in substantial adverse effects on human beings. Potential impacts have been identified related to **Biological Resources, Hydrology and Water Quality, Noise, Recreation, Tribal Cultural Resources, and Utilities and Service Systems**. Where applicable, this IS, identifies mitigation measures by individual resource area as relevant to potential environmental impacts resulting from development of the Proposed Project. With implementation of the City's Mitigating Ordinances, Guidelines, and BMPs, mitigation measures, and permit conditions, the Proposed Project would not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species, or create adverse effects on human beings. Therefore, impacts associated with the development of the Proposed Project are considered ***less than significant with mitigation incorporated***.

ENVIRONMENTAL DETERMINATION

*In reviewing the site-specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that with mitigation the impacts are less than significant. As demonstrated in the initial study checklist, there are no "project specific significant effects which are peculiar to the project or site" that cannot be reduced to less than significant effects through mitigation (CEQA Section 15183) and therefore an EIR is **not** required. Therefore, **on the basis of the foregoing initial study:***

- ☒ I find that the proposed project COULD, but with mitigation agreed to by the applicant, clearly will not have a significant effect on the environment and a MITIGATED NEGATIVE DECLARATION has been prepared.
- ☐ I find that the proposed project WILL NOT have a significant effect on the environment and a NEGATIVE DECLARATION has been prepared.

Initial Study Prepared by:

Lauren Hocker

 Digitally signed by Lauren Hocker
Date: 2019.02.05 11:31:20 -08'00'

Lauren Hocker, Senior Planner
City of Roseville, Development Services – Planning Division

LIST OF ATTACHMENTS

1. Mitigation Monitoring and Reporting Program
2. Huntington Senior Apartments Project Air Quality Study, February 1, 2019
3. Biological Resources Assessment [for the] ±3.34-Acre Huntington Senior Apartments, City of Roseville, Placer County, California, January 29, 2019
4. Arborist Report Huntington Senior Apartments, City of Roseville, California, January 29, 2019
5. Environmental Noise and Vibration Assessment for the Huntington Senior Apartments, Roseville, California, May 8, 2018
6. Water Conservation Plan for the Huntington Senior Apartments, September 27, 2018

Attachment 1

Mitigation Monitoring and Reporting Program

**DEVELOPMENT SERVICES DEPARTMENT – PLANNING DIVISION**

311 Vernon Street, Roseville, CA 95678 (916) 774-5276

MITIGATION MONITORING AND REPORTING PROGRAM

Project Title/File Number:	Huntington Senior Apartments, File # PL17-0247
Project Location:	1650 Huntington Drive, Roseville, Placer County, California Assessor's Parcel Number (APN): 048-260-030-000
Project Description:	The Applicant proposes to construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the proposed 76 apartment units will be designated as affordable housing units. The project also includes lot line adjustment along the northwestern corner and southeastern edge of the project site. In addition, a Tree Permit would be required to remove up ten onsite oak trees
Environmental Document	Initial Study and Environmental Checklist
Project Applicant:	Craig Miers, Craig Miers + George Scott Architects, llp, 1624 Santa Clara Drive, Suite 230, Roseville, California 95661
Property Owner:	Dr. Sayed Hussain, MD, 729 Sunrise Avenue, Suite 604, Roseville, California 95661
Lead Agency Contact Person:	Lauren Hocker, Senior Planner, Phone (916) 774-5272

Section 21081.6 of the California Public Resources Code requires public agencies to "adopt a reporting and monitoring program for the changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment." This Mitigation Monitoring and Reporting Program has been adopted for the purpose of avoiding environmental impacts

MONITORING PROCESS: Existing monitoring mechanisms are in place that assist the City of Roseville in meeting the intent of CEQA. These existing monitoring mechanisms eliminate the need to develop new monitoring processes for each mitigation measure. These mechanisms include grading plan review and approval, improvement/building plan review and approval and on-site inspections by City Departments. Given that these monitoring processes are requirements of the project, they are not included in the mitigation monitoring program.

It shall be the responsibility of the project applicant/owner to provide written notification to the City using the Mitigation Verification Cover Sheet and Forms, in a timely manner, of the completion of each Mitigation Measure as identified on the following pages. The City will verify that the project is in compliance with the adopted Mitigation Monitoring and Reporting Program. Any non-compliance will be reported by the City to the applicant/owner, and it shall be the project applicant's/owner's responsibility to rectify the situation by bringing the project into compliance. The purpose of this program is to ensure diligent and good faith compliance with the Mitigation Measures which have been adopted as part of the project.

TABLE OF MITIGATION MEASURES

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
BIO- 1: Within 14 days prior to the start of ground disturbance, the Project Applicant shall have a qualified biologist conduct a pre-construction survey for western spadefoot toad. Ground disturbance includes any grading and excavation activities and any work associated with work adjacent to Cirby Creek. If construction does not commence within 14 days of the pre-construction survey or halts for more than 14 days, a new survey shall be required. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity. If no western spadefoot toads are found, no additional measures are required. If western spadefoot toads are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented.	Project Applicant/ Qualified Biologist	14 Days Prior to the Start of Construction	City of Roseville/ CDFW		
BIO- 2: Within 14 days prior to the start of ground disturbance, the Project Applicant shall have a qualified biologist conduct a pre-construction survey for western pond turtles. Ground disturbance includes any grading and excavation activities and any work associated with work adjacent to Cirby Creek. If construction does not commence within 14 days of the pre-construction survey or halts for more than 14 days and the site still contains undisturbed habitat, a new survey	Project Applicant/ Qualified Biologist	14 Days Prior to the Start of Construction	City of Roseville/ CDFW		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
shall be required. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity. If no western pond turtles are found, no additional measures are required. If western pond turtles are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented.					
BIO- 3: Migratory birds and other birds of prey, protected under 50 CFR 10 of the MBTA and/or Section 3503 of the California Fish and Game Code, including Nuttall's woodpecker, loggerhead shrike, yellow-billed magpie, oak titmouse, grasshopper sparrow, song sparrow, purple martin, and white-tailed kite have the potential to nest within the trees within the riparian woodland and within the annual grassland. Ground-disturbing activities and/or vegetation clearing operations, including pruning or removal of trees and shrubs, shall be completed between September 1 to February 14, if feasible. If ground-disturbing activities and/or vegetation removal begins during the nesting season (February 15 to August 31), the Project Applicant shall have a qualified biologist conduct a pre-construction survey for active nests within 300 feet of the Project Site. The pre-construction survey will be conducted within 14 days prior to	Project Applicant/ Qualified Biologist	Prior to and During Construction	City of Roseville/ CDFW		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
commencement of ground-disturbing activities and/or vegetation removal. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity or vegetation removal. If the pre-construction survey shows that there is no evidence of active nests, no additional measures are required. If construction does not commence within 14 days of the pre-construction survey, or halts for more than 14 days, an additional pre-construction survey shall be required. If any active nests are located within the vicinity of the Proposed Project the qualified biologist shall delimit an appropriate buffer zone, subject to approval of City Planning and in consultation with any other appropriate agencies, with construction tape or pin flags and maintain the buffer zone until the end of the breeding season or the young have successfully fledged. Buffer zones are typically 100 feet for migratory bird nests and 250 feet for raptor nests. If active nests are found onsite, a qualified biologist shall monitor nests weekly during construction to ensure activities are not causing nesting disturbance.					
BIO- 4: The trees within the riparian woodland provide roosting habitat for special-status bats. The Project Applicant shall have a qualified biologist perform onsite pre-construction surveys for special-status bat species within 14 days prior to the start of ground disturbance and tree removal. The biologist shall provide a brief written report (including the date, time of survey, survey method, name of surveyor, and survey results) to City Planning prior to any ground-disturbing activity or tree removal. If no bats are observed, then no additional measures are required. If construction does not commence within 14 days	Project Applicant/ Qualified Biologist	14 Days Prior to the Start of Construction	City of Roseville/ CDFW		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
of the pre-construction survey or halts for more than 14 days and the site still contains undisturbed habitat, a supplemental survey is required. If bats are found, all onsite work shall cease and the Project Applicant shall submit a mitigation plan for review and approval by City Planning, in consultation with the California Department of Fish and Wildlife. The plan shall document all proposed measures, including avoidance, minimization, exclusion, relocation, the presence of a biological monitor, or other measures, and include a plan to monitor mitigation success. Work on the site shall not resume until the mitigation plan is approved and appropriate measures have been implemented. If the bat is roosting in a tree anticipated for removal, then that tree shall not be removed until a qualified biologist has determined that the tree is no longer occupied by the bat.					
BIO- 5: Prior to commencement of ground-disturbing activities, a qualified biologist shall mark the boundaries of onsite riparian habitat and the contractor shall install exclusion fencing around these boundaries to exclude construction equipment and personnel. The fencing shall be inspected and approved by City Planning prior to ground-disturbing activities. The exclusion area shall be maintained until ground-disturbing activities are completed and soil within the adjacent area is stabilized.	Project Applicant/Contractor/ Qualified Biologist	Prior to and During Construction	City of Roseville		

NOISE- 1: The following measures shall be incorporated into project construction operations: • At least two weeks advance notice shall be provided to the homes adjacent to the Project Site (1803, 1805, and 1807 Tanglewood Lane; 1636 Huntington Drive; and 1734A, 1734B, 1735A, and 1735B Kent Street), advising the residents of the proposed commencement of rough grading activities. If the grading activities are expected to occur for longer than two weeks, the notice shall include the likely duration of grading activities. • To the extent feasible, rough site grading activities shall progress from north to south, thereby preserving the shielding provided by the intervening topography for the maximum practicable duration. • The masonry wall on the southern property boundary shall be constructed as early in the construction phase as possible, so that it will provide attenuation of noise generated during the remainder of construction. • All noise-producing project equipment and vehicles using internal combustion engines used for construction shall be fitted with manufacturer recommended mufflers and be maintained in good working condition. • All mobile or fixed noise-producing equipment used on the Project Site that are regulated for noise output by a federal, State, or a local agency shall comply with such regulations while in the course of project activity. • Electrically powered equipment shall be used instead of pneumatic or internal combustion-powered equipment, where feasible. • Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practicable from noise sensitive receptors.	Contractor	Prior to and During Construction	City of Roseville		
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Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
Project area and site access road speed limits shall be established and enforced during the construction period.					
TCR-1: Pre-Construction Inspections. A minimum of seven days prior to beginning earthwork or other soil disturbance activities, the contractor or Project Applicant shall notify the City of the proposed earthwork start-date, in order to provide the City representative sufficient time to contact the United Auburn Indian Community. A tribal representative shall be invited to, at its discretion, voluntarily inspect the project location, including any soil piles, trenches, or other disturbed areas, within the first five days of ground breaking activity. Construction activity may be ongoing during this time. Should the tribe choose not to perform a field visit within the first five days, construction activities may continue as scheduled, as long as the notification was made.	Project Applicant/Contractor/ UAIC Tribal Representative	Prior to and During Construction	City of Roseville		
TCR-2: Unpaid Tribal Observation. A minimum of seven days prior to beginning earthwork or other soil disturbance activities, the contractor or Project Applicant shall notify the City of the proposed earthwork start-date, in order to provide the City representative sufficient time to contact the United Auburn Indian Community. A tribal representative shall be invited to, at its discretion, voluntarily observe any or all ground-disturbing activities during construction. The tribe shall be provided 72 hours to accept or decline observation and shall provide the names of all tribal personnel who will be present to observe activity. All tribal observers shall be required to comply with all job site safety requirements and shall sign a waiver of liability prior to entering the job site. Should the tribe choose not to observe any or all of the activity, the City shall deem the mitigation measure completed in good faith without tribal observation as long as the	Project Applicant/Contractor//UAIC Tribal Representative	Prior to and During Construction	City of Roseville		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
notification was made and documented.					
TCR-3: Contractor Awareness Training. The Project Applicant shall ensure that a Contractor Awareness Training Program is developed and delivered to train equipment operators about cultural resources and tribal cultural resources. The program shall be designed to inform construction personnel about: federal and State regulations pertaining to cultural resources and tribal cultural resources; the subsurface indicators of resources that shall require a work stoppage; procedures for notifying the City of any occurrences; and project-specific requirements; and enforcement of penalties and repercussions for non-compliance with the program. The training shall be prepared by a qualified professional archaeologist and reviewed by City for approval, and may be provided in an audio-visual format, such as a DVD. The Project Applicant shall provide the United Auburn Indian Community the option of attending the initial training in person and/or providing additional materials germane to the unanticipated discovery of tribal cultural resources for incorporation into the training. The training program shall be required for all construction supervisors, forepersons, and operators of ground-disturbing equipment, and all personnel shall be required to sign a training roster and display a hard hat sticker that is visible to City inspectors. The construction manager is responsible for ensuring that all required personnel receive the training. The Project Applicant shall provide a copy of the signed training roster to the City as proof of compliance.	Project Applicant/Contractor/Qualified Archaeologist/UAIC Tribal Representative	Prior to and During Construction	City of Roseville		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
TCR-4: Post-Review Discovery Procedures. If subsurface deposits believed to be cultural or human in origin, or tribal cultural resources, are discovered during construction, all work shall halt within a 50-foot radius of the discovery, and the Project Applicant shall immediately notify the City of Roseville Development Services Director. The City of Roseville will notify the tribes of the discovery, and a tribal representative shall have the opportunity to determine whether or not the find represents a tribal cultural resource. If a response is not received within five days of notification, the City will deem this portion of the measure completed in good faith as long as the notification was made and documented. The Project Applicant shall retain a qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeology and subject to approval by the City, to evaluate the significance of the find and develop appropriate management recommendations. All management recommendations shall be provided to the City in writing for the City's review and approval. If recommended by the qualified professional and approved by the City, this may include modification of the no-work radius. The following notifications shall apply, depending on the nature of the find, subject to the review and approval of the City: 1) Work may resume immediately and no agency notifications are required if: 1) the professional archaeologist determines that the find does not represent a cultural resource and, if a response from a tribal representative was received within five days 2) the tribal representative determines that the find does not represent a tribal cultural	Project Applicant/Contractor/ Qualified Archaeologist	During Construction	City of Roseville/ County Coroner		

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
resource or determines that no further action is necessary. 2) If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, the City shall be notified immediately, to consult on a finding of eligibility and implementation of appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) that the treatment measures have been completed to its satisfaction. 3) If the find represents a Native American or potentially Native American resource (including a tribal cultural resource) that does not include human remains, the United Auburn Indian Community and City shall be notified. The City will consult with the tribe(s) on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be either a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines, or a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code. Preservation in place is the preferred treatment, if feasible. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) not a Tribal Cultural Resource, as defined in Section 21074 of the					

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
Public Resources Code; or 3) that the treatment measures have been completed to its satisfaction. 4) If the find includes human remains, or remains that are potentially human, the construction supervisor or on-site archaeologist shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641) and shall notify the City and Placer County Coroner (per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California Public Resources Code, and Assembly Bill 2641 shall be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the Native American Heritage Commission, which then will designate a Native American Most Likely Descendant (MLD) for the project (§ 5097.98 of the Public Resources Code). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the Public Resources Code). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the Public Resources Code). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the treatment					

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
measures have been completed to its satisfaction.					
USS- 1: The Project Applicant shall implement measures identified in the City approved Water Conservation Plan for the Proposed Project identifying specific measures to be implemented to facilitate reductions in water usage.	Project Applicant	Prior to the Start of Construction	City of Roseville		

**DEVELOPMENT SERVICES DEPARTMENT**

311 Vernon Street, Roseville, CA 95678 (916) 774-5276

MITIGATION VERIFICATION SUBMITTAL COVER SHEET

Project Title/Planning File #	Huntington Senior Apartments, File # PL17-0247
Project Address	1650 Huntington Drive, Roseville, Placer County, California Assessor's Parcel Number (APN): 048-260-030-000
Property Owner	Dr. Sayed Hussain, MD, 729 Sunrise Avenue, Suite 604, Roseville, California 95661
Planning Division Contact	Lauren Hocker, Senior Planner, Phone (916) 774-5272

SUMMARY OF VERIFICATION MATERIALS INCLUDED IN THIS SUBMITTAL

Mitigation Measure	Supporting Attachments Included	Date Complete

I HAVE ATTACHED THE FOLLOWING REQUIRED ITEMS:

- ☐ Table of Applicable Mitigation Measures
- ☐ Mitigation Verification Form(s)
- ☐ Specific supporting documentation required by measure(s), if applicable (e.g. biologist's report)

I hereby certify under penalty of perjury under the laws of the State of California that I am the property owner or an agent of the property owner and am authorized to submit this Mitigation Verification Form. I also certify that the above-listed mitigation measures have been completed in the manner required, and that all of the information in this submittal is true and correct, to the best of my knowledge:

Signature and Date_____
Print Name_____
Contact Number

MITIGATION VERIFICATION FORM

Mitigation Measure

Description of Monitoring and Verification Work Performed. The following information is a required part of the description: dates, personnel names or titles, and the stage/phase of construction work. Additional notes sheets may be attached, if necessary, or the below may simply reference a separate attachment that provides the required information.

INSTRUCTIONS

COVER SHEET:

A Cover Sheet for the project/development is prepared by City staff, with the top portion filled out. Each time Mitigation Verification Forms(s) are being submitted, a Cover Sheet completed by the Project Applicant, Contractor, or Designee is required. An example of a completed summary table is provided below. The signature on the Cover Sheet must be *original wet ink*.

EXAMPLE MITIGATION VERIFICATION SUBMITTAL COVER SHEET

Project Title/Planning File #	New Coffee Shop, PL15-0000
Project Address	10 Justashort Street
Property Owner	Jane Owner
Planning Division Contact	Joe Planner, Associate Planner, (916) 774-####

SUMMARY OF VERIFICATION MATERIALS INCLUDED IN THIS SUBMITTAL

Mitigation Measure	Supporting Attachments Included	Date Complete
MM-3	Copy of survey report signed by biologist	5/10/2016
MM-4	All information included in Mitigation Verification Form	5/12/2016
MM-5	E-mail from Air District approving Dust Control Plan	5/05/2016

MITIGATION VERIFICATION FORM:

A Mitigation Verification Form is provided by City staff, along with the Cover Sheet and Table of Applicable Mitigation Measures. A form is filled in and submitted for each mitigation measure by the Project Applicant, Contractor, or Designee. The form needs only the mitigation number to be filled in, along with the Description of Monitoring and Verification Work Performed. Multiple forms may be submitted simultaneously, under one cover sheet. It is also permissible to submit a form for each part of a measure, on separate dates. For instance, in the example measure MM-4 in the table above, the actual mitigation requires informing construction workers *and* retaining a qualified archeologist if resources are uncovered. Thus, a Project Applicant may submit a form in May certifying that construction workers have been informed, and also submit a second copy of the form in July because resources were discovered and additional actions had to be undertaken.

Each mitigation measure specifies the type of supporting documentation required; this must be submitted in order for the City to accept the mitigation as complete. An example of a completed Mitigation Verification Form is provided below.

EXAMPLE MITIGATION VERIFICATION FORM

Mitigation Measure MM3

Description of Monitoring and Verification Work Performed. The following information is a required part of the description: dates, personnel names or titles, and the stage/phase of construction work. Additional notes sheets may be attached, if necessary, or the below may simply reference a separate attachment that provides the required information.

The mitigation measure text is included on the Improvement Plans General Notes page (Improvement Plan EN15-0001). On May 4, 2016, prior to any ground-disturbing activities (the pre-construction phase), a site meeting was held. At this meeting, workers on the site were informed of the potential to unearth remains, and were instructed to cease work and notify their supervisor immediately if any resources were observed.

Attachment 2

Huntington Senior Apartments Project Air Quality Study,
prepared by KD Anderson & Associates

February 1, 2019

HUNTINGTON SENIOR APARTMENTS PROJECT AIR QUALITY STUDY

Prepared for:

Foothill Associates

Prepared by:

KD Anderson & Associates
3853 Taylor Road, Suite G
Loomis, CA 95650
916/660-1555

February 1, 2019

Project #3358-025

KD Anderson & Associates, Inc.

Transportation Engineers

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FIGURES

1. Vicinity Map
2. Site Plan

TECHNICAL APPENDIX

CalEEMod Model Output Files

EXECUTIVE SUMMARY

This Executive Summary is a brief overview of the analysis presented in this Air Quality Study. It is not intended to be a comprehensive description of the analysis. For more details, the reader is referred to the full description presented in the Air Quality Study.

The Huntington Senior Apartments Project would include 76 attached senior adult housing units, approximately 37,851 square feet of asphalt-paved surface, and community open space area.

The project site is located on the south corner of the intersection of Huntington Drive and Strauch Drive in the City of Roseville, Placer County, CA. The California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project is the City of Roseville.

This Air Quality Study presents an evaluation of the construction-related and operational impacts of the Proposed Project on the air quality environment, including both criteria pollutant emissions and greenhouse gas (GHG) emissions associated with global climate change.

The project site is located within the Sacramento Valley Air Basin (SVAB). The SVAB portion of Placer County is designated a state and federal nonattainment area for ozone. The area is a state nonattainment area for inhalable particulate matter smaller than 10 microns in diameter (designated PM₁₀), and is a federal nonattainment area for fine particulate matter smaller than 2.5 microns in diameter (PM_{2.5}). The area is designated attainment or unclassified for carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO_x), and lead.

Implementation of the Huntington Senior Apartments Project would result in the generation of short-term construction-related emissions. However, the amount of project-related emissions would be less than the significant thresholds. Therefore, construction of the project is considered to have a less-than-significant impact on the criteria pollutant air quality.

The project is generally in an area that may contain naturally occurring asbestos (NOA). However, a screening-level assessment for NOA indicates the project site is approximately 5.6 miles from areas considered to have elevated risk of NOA being present. Therefore, this impact is considered to be less-than-significant.

The project would result in the generation of long-term operational emissions. The project is considered to have a less-than-significant operational impact on ozone and PM₁₀.

Screening-level analyses were performed to assess the project-related effect on CO concentrations. These analyses concluded that the project would not result in violations of the federal and state CO standards and would have a less-than-significant impact on CO levels.

An assessment of the effects of the Proposed Project on global climate change and greenhouse gas (GHG) emissions was conducted. The project-related change in GHG emissions was quantified. The Huntington Senior Apartments Project is determined to have a less-than-significant impact on global climate change.

SECTION 1

INTRODUCTION

This Air Quality Study has been prepared to assess the air quality impacts of the proposed Huntington Senior Apartments Project. The City of Roseville is the CEQA Lead Agency for the Proposed Project. This study contains information that will be used by the City of Roseville in the preparation of the CEQA environmental document for this project.

The purpose of this Air Quality Study is to provide documentation of the air quality resources in the project area, and an assessment of the impacts of the Proposed Project on the air quality environment.

This study assesses the localized air quality impacts of the Proposed Project, the impacts of the project on regional air quality, and construction-related impacts of the project.

Following this *Introduction* section, this Air Quality Study presents a description of:

- the Proposed Project,
- air quality standards and existing air quality conditions,
- short-term construction-related impacts,
- long-term operational impacts,
- local CO impacts, and
- impacts on global climate change and GHG emissions.

SECTION 2

PROJECT DESCRIPTION

The following is a description of the Huntington Senior Apartments Project, based on information from the project site plan and Shields pers. comm.

2.1 PROJECT LOCATION

The proposed Huntington Senior Apartments Project is located at 1650 Huntington Drive in the City of Roseville, Placer County, CA. The project site is on the south corner of the intersection of Huntington Drive and Strauch Drive. **Figure 1** presents an aerial photograph of the vicinity of the project site, indicating the types of existing land use in the general vicinity. **Figure 2** presents the project site plan, showing the components of the project, and roadways immediately surrounding the project site.

As shown in **Figure 1**, the project site is located approximately 400 feet south of Douglas Boulevard, and approximately 4,000 feet southeast of Interstate 80 (I-80).

The following describes current land uses in the immediate vicinity of the project site:

- The project site is currently vacant.
- Single family residential dwelling units are located west, south, and southeast of the project site.
- Retail commercial land uses are located northwest, north, northeast, and east of the project site.

2.2 PROJECT COMPONENTS

As shown in **Figure 2**, the Huntington Senior Apartments Project would include:

- 76 attached senior adult housing units,
- approximately 37,851 square feet of asphalt-paved surface, and
- community open space area.

No wood-burning fireplaces would be included in the project.

A portion of the surface of the project site is elevated. During construction, approximately 30,672 cubic yards of earthen material would be transported off-site. The removal and transport of the earthen material is expected to involve use of a Caterpillar 966 Front End Loader and material transport trucks.

2.3 PROJECT CONSTRUCTION SCHEDULE

Construction of the Huntington Senior Apartments Project is expected to take place between August 2019 and August 2020.



VICINITY MAP

SHEET INDEX

ARCHITECTURAL	
P1	PROPOSED SITE PLAN
C1	REZONE MAP/ GENERAL PLAN
P2	TYPICAL APARTMENT UNITS
P3	COMMUNITY CLUBHOUSE
P4	ONE STORY ELEVATIONS
P4B	ONE STORY PLAN EAST
P4C	ONE STORY PLAN WEST
P5	TWO STORY ELEVATIONS
P5B	TWO STORY PLAN
P6	THREE STORY ELEVATIONS
P6B	THREE STORY PLAN
P6C	COLORLED THREE STORY ELEVATIONS
P7	PROPOSED DETAILS
CIVIL	
1 OF 2	PRELIMINARY GRADING PLAN
2 OF 2	PRELIMINARY UTILITY PLAN
LANDSCAPE	
1 OF 1	PRELIMINARY LANDSCAPE PLANTING PLAN

APARTMENT UNIT MATRIX

APN: 048.260.030.000
 LOT SIZE: 3.2 AC. 139,392 SF
 ZONING

48	ONE BEDROOM
28	TWO BEDROOMS
76	TOTAL

5 UNITS TO BE AFFORDABLE

PARKING

9	ACCESSIBLE
2	COMPACT
84	STANDARD

94	TOTAL
86	REQUIRED

COS. = COMMUNITY OPEN SPACE

KEYNOTES

- 1 SIDEWALK CURB AND GUTTER TO CITY STANDARDS
- 2 DRIVEWAY TO CITY STANDARDS
- 3 CURB RAMP TO CITY STANDARDS
- 4 TRASH ENCLOSURES, CONCRETE MASONRY UNITS TYP.
- 5 ELEVATOR AND MACHINE ROOM
- 6 OUTLINE OF CARPORT ROOF TYP.
- 7 ACCESSIBLE PARKING TYP.
- 8 SIDEWALK CONNECTION TO CITY RIGHT OF WAY TYP.
- 9 MONUMENT SIGN
- 10 RIGHT IN RIGHT OUT ONLY
- 11 PROPOSED SIDEWALK
- 12 PEDESTRIAN PATH
- 13 LANDSCAPE AREAS, REFER TO LANDSCAPE PLANS
- 14 AREA POST LIGHT, LED TALL CUTOFF W/ HOUSE SIDE SHIELD 9' HIGH ON ROAD POLE

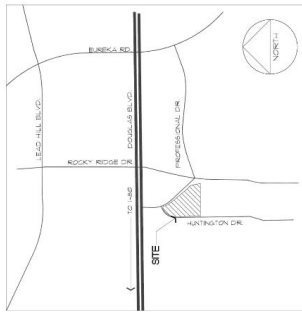
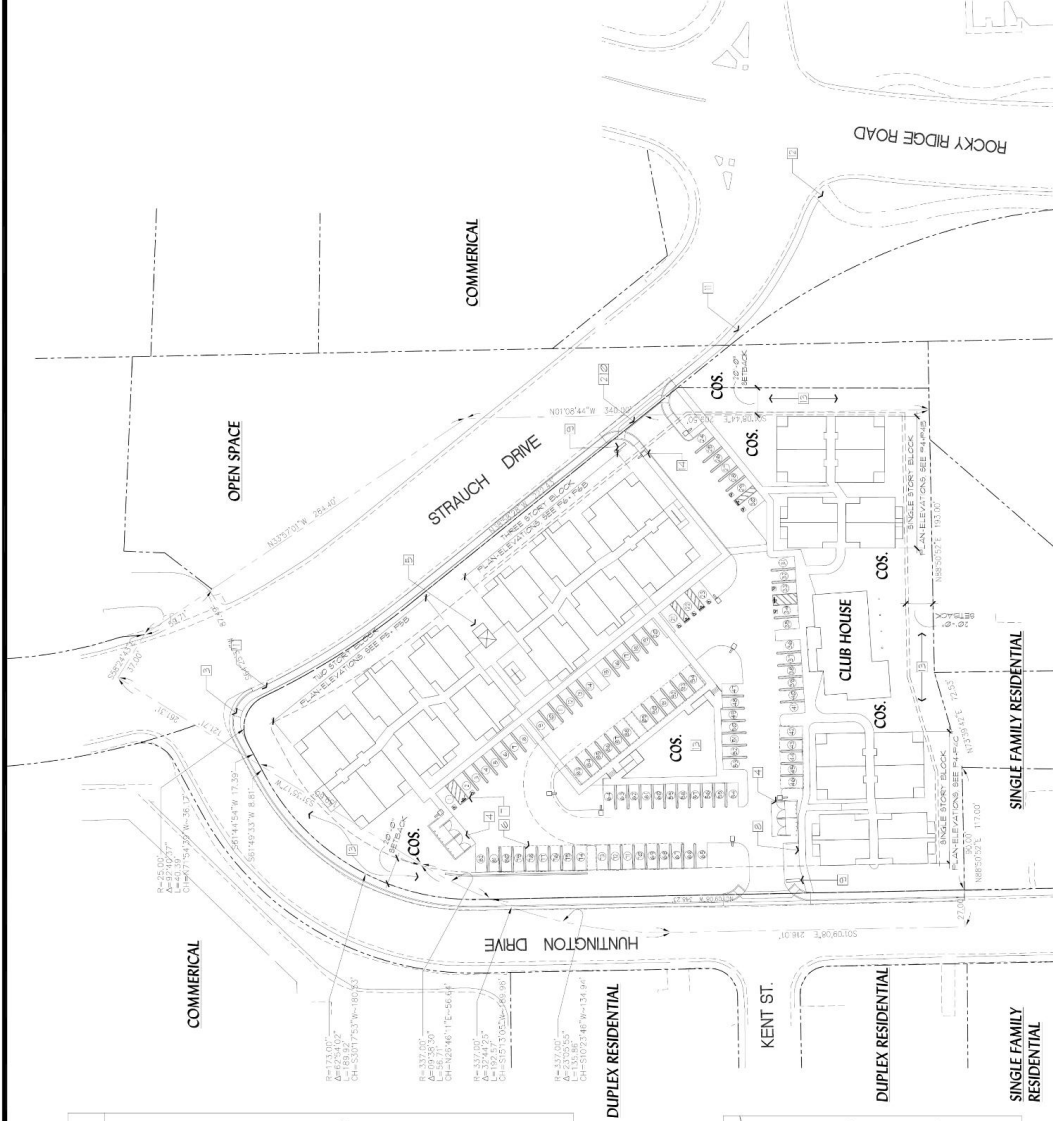


0 20' 40' 80'
 SCALE: 1/40"=1'-0"

August 7, 2017



PROPOSED SITE PLAN P1



VICINITY MAP

HUNTINGTON SENIOR APARTMENTS

for ICON ENTERPRISES - HUNTINGTON PLACE

1650 HUNTINGTON DRIVE
 ROSEVILLE, CALIFORNIA

KD Anderson & Associates, Inc.
 Transportation Engineers

3358-025 RA 3/15/2018

SITE PLAN

Huntington Senior Apartment Project Air Quality Study

SECTION 3

AIR QUALITY STANDARDS AND EXISTING CONDITIONS

The following is a description of ambient air quality standards and existing air quality conditions in the project study area.

3.1 AIR POLLUTANTS AND AMBIENT STANDARDS

Both the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB or ARB) have established ambient air quality standards for common pollutants. These ambient air quality standards indicate levels of contaminants that represent safe levels, to avoid specific adverse health effects associated with each pollutant. The ambient air quality standards cover what are called “criteria” pollutants because the health and other effects of each pollutant are described in criteria documents. The federal and state ambient air quality standards are presented in **Table 1**. The federal and state ambient standards were developed independently with differing purposes and methods, although both processes attempted to avoid health-related effects. As a result, the federal and state standards differ in some cases. In general, the California state standards are more stringent, as is the case for ozone, PM₁₀, and PM_{2.5}.

There are three basic designation categories: nonattainment, attainment, and unclassified. A “nonattainment” designation indicates the air quality violates an ambient air quality standard. Although a number of areas may be designated as nonattainment for a particular pollutant, the severity of the problem can vary greatly. To identify the severity of the problem and the extent of planning required, nonattainment areas are assigned a classification that is commensurate with the severity of their air quality problem (e.g., moderate, serious, severe). In contrast to nonattainment, an “attainment” designation indicates the air quality does not violate the established standard. Finally, an “unclassified” designation indicates there are insufficient data for determining attainment or nonattainment. EPA combines unclassified and attainment into one designation for ozone, CO, PM₁₀ and PM_{2.5}.

3.2 POLLUTANTS OF CONCERN

Criteria pollutants that are of greatest concern for the Proposed Project are CO, ozone, and particulate matter. Ozone is a pollutant created in the atmosphere through the combination of two “precursors”, reactive organic gases (ROG) and nitrogen oxides (NO_x), in the presence of sunlight.

In addition, this Air Quality Study addresses asbestos, and the effects of GHG emissions on global climate change.

Table 1. Ambient Air Quality Standards

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.070 ppm (137 µg/m ³)		
Respirable Particulate Matter (PM ₁₀) ⁹	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM _{2.5}) ⁹	24 Hour	—	—	35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	12.0 µg/m ³	15 µg/m ³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m ³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m ³)		9 ppm (10 mg/m ³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m ³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m ³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)		0.053 ppm (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m ³)	Ultraviolet Fluorescence	75 ppb (196 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m ³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m ³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

See footnotes on next page ...

See footnotes on next page ...

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

Table 1. Ambient Air Quality Standards (Continued)

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
11. On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

3.2.1 Carbon Monoxide

State and federal CO standards have been set for both one-hour and eight-hour averaging times. The state one-hour standard is 20 parts per million (ppm) by volume, while the federal one-hour standard is 35 ppm. Both state and federal standards are 9 ppm for the eight-hour averaging period. CO is a public health concern because it combines readily with hemoglobin and thus reduces the amount of oxygen transported in the bloodstream.

Motor vehicles are the dominant source of CO emissions in most areas. High CO levels develop primarily during winter when periods of light winds combine with the formation of ground level temperature inversions (typically from the evening through early morning). These conditions result in reduced dispersion of vehicle emissions. Motor vehicles also exhibit increased CO emission rates at low air temperatures.

3.2.2 Ozone

Prior to 2005, both state and federal standards for ozone were set for a one-hour averaging time. The state ozone standard is 0.09 ppm, not to be exceeded. The federal one-hour standard was 0.12 ppm and was not to be exceeded more than three times in any three-year period. A federal eight-hour standard for ozone was issued in July 1997 by Executive Order of the President. The eight-hour ozone standard has been set at a concentration of 0.075 ppm ozone measured over eight hours.

As of June 15, 2005, the federal one-hour ozone standard was revoked. In setting the eight-hour ozone standard, EPA concluded that replacing the existing one-hour standard with an eight-hour standard was appropriate to provide adequate and more uniform protection of public health from both short-term (one to three hours) and prolonged (six to eight hours) exposures to ozone.

Ozone is not emitted directly into the air, but is formed by a photochemical reaction in the atmosphere. Ozone precursors, which include ROG and NO_x, react in the atmosphere in the presence of sunlight to form ozone. Because photochemical reaction rates depend on the intensity of ultraviolet light and air temperature, ozone is primarily a summer air pollution problem. Ozone is a respiratory irritant and an oxidant that increases susceptibility to respiratory infections and can cause substantial damage to vegetation and other materials. Once formed, ozone remains in the atmosphere for one or two days. It is then eliminated through chemical reaction with plants and by rainout and washout.

3.2.3 Particulate Matter

State and federal standards for particulate matter are based on micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for a 24-hour average and as an annual geometric mean.

PM₁₀ is sometimes referred to as “inhalable particulate matter” or “respirable particulate matter”. The state standards for PM₁₀ are 50 $\mu\text{g}/\text{m}^3$ 24-hour average, and 20 $\mu\text{g}/\text{m}^3$ annual geometric mean. The federal PM₁₀ standard is a 24-hour average of 150 $\mu\text{g}/\text{m}^3$.

A federal standard for particulate matter less than 2.5 microns in diameter (PM_{2.5}) was issued in July 1997 by Executive Order of the President. PM_{2.5} is sometimes referred to as “fine particulate matter”. The PM_{2.5} standard has been set at a concentration of 15 µg/m³ annually and 35 µg/m³ daily. The federal standards for PM₁₀ are being maintained so that relatively larger, courser particulate matter continues to be regulated.

The state PM_{2.5} standard is an annual average of 12 µg/m³.

PM₁₀ and PM_{2.5} can reach the lungs when inhaled, resulting in health concerns related to respiratory disease. Suspended particulate matter can also affect vision or contribute to eye irritation. PM₁₀ can remain in the atmosphere for up to seven days before removal by gravitational settling, rainout and washout.

3.2.4 Asbestos

In addition to criteria pollutants, a pollutant of concern for the project is asbestos. Asbestos is a term used for several types of naturally occurring fibrous minerals. Naturally occurring asbestos (NOA) is found in many parts of California. The most common type of asbestos is chrysotile, but other types are also found in California.

When rock containing asbestos is broken or crushed, asbestos fibers may be released and become airborne. Exposure to asbestos fibers may result in health issues such as lung cancer, mesothelioma (a rare cancer of the thin membranes lining the lungs, chest and abdominal cavity), and asbestosis (a non-cancerous lung disease which causes scarring of the lungs). Sources of asbestos emissions include: unpaved roads or driveways surfaced with ultramafic rock, construction activities in ultramafic rock deposits, or rock quarrying activities where ultramafic rock is present.

3.2.5 Greenhouse Gases

Relatively recently, global climate change, also known as global warming, has been recognized as an important environmental issue. Documented impacts of climate change include rising sea levels, glacier retreat, shortening of frost seasons, and increases in precipitation, among other events. Climate change is considered to be heavily influenced by the rising concentration of greenhouse gases (GHG), primarily atmospheric carbon dioxide (CO₂). Burning of fossil fuels, including oil, natural gas, gasoline and coal, is a major contributor to rising GHG levels.

3.3 AIR QUALITY MONITORING

The following tables present air quality monitoring data for four pollutants: ozone, CO, PM₁₀, and PM_{2.5}. **Table 2** presents monitoring data for ozone and CO. **Table 3** presents monitoring data for PM₁₀ and PM_{2.5}. Data for the latest three-year period available are presented for the monitoring stations closest to the project site.

Table 2. Ozone and Carbon Monoxide Air Quality Monitoring Results

Pollutant Type, Station and Measurement	Pollutant Concentration by Year			
	Air Quality Standard	2014	2015	2016
Ozone at Roseville - N Sunrise Boulevard				
Highest 1-Hour Average (parts per million)	0.09	0.097	0.098	0.115
Second Highest 1-Hour Average (parts per million)	(State)	0.096	0.094	0.107
Highest 8-Hour Average (parts per million)	0.070	0.086	0.084	0.092
Second Highest 8-Hour Average (parts per million)	(State)	0.084	0.078	0.092
Carbon Monoxide at North Highlands - Blackfoot Way				
		2012	2013	2014
Highest 8-Hour Average (parts per million)	9.0	1.16	1.87	1.54
Second Highest 8-Hour Average (parts per million)	(State)	1.16	1.74	1.51
Source: California Air Resources Board website: http://www.arb.ca.gov/ Note: For carbon monoxide, recent data are not available for Placer and El Dorado Counties. For carbon monoxide in Sacramento County, the latest data are for 2014.				

Table 3. Particulate Matter Air Quality Monitoring Results

Pollutant Type, Station and Measurement	Pollutant Concentration by Year			
	Air Quality Standard	2014	2015	2016
Inhalable Particulate Matter (PM₁₀) at Roseville - N Sunrise Boulevard				
Highest 24-Hour Average (micrograms/cubic meter)	50	31.8	59.1	39.1
Second Highest 24-Hour Average (micrograms/cubic meter)	(State)	29.5	43.1	38.9
Annual Average (micrograms/cubic meter)	20 (State)	17.9	13.0	15.8
Fine Particulate Matter (PM_{2.5}) at Roseville - N Sunrise Boulevard				
Highest 24-Hour Average (micrograms/cubic meter)	35	30.7	44.1	24.4
Second Highest 24-Hour Average (micrograms/cubic meter)	(Federal)	24.8	37.7	23.1
Annual Average (micrograms/cubic meter)	12 (State)	7.8	8.0	6.8
Source: California Air Resources Board website: http://www.arb.ca.gov/				

3.4 ATTAINMENT DESIGNATIONS

The current air quality attainment designations for the Sacramento Valley Basin (SVAB) portion of Placer County are summarized in **Table 4**. As shown in **Table 4**, the portion of Placer County that includes the project site is designated nonattainment for the federal and state ozone standards. The project site portion of the County is designated attainment for the federal and state carbon monoxide (CO) standards, and attainment/unclassified or attainment for nitrogen dioxide (NO₂) standards.

The project site portion of Placer County is designated nonattainment for the state PM₁₀ standard, and designated attainment for the federal PM₁₀ standard. The area is designated nonattainment for the federal PM_{2.5} standard and attainment for the state PM_{2.5} standard.

3.5 EMISSIONS INVENTORY

Table 5 presents estimates of emissions currently generated in Placer County. The information presented in **Table 5** is divided into emission source categories. **Table 6** presents a forecast of emissions expected to be generated in Placer County in the year 2035. Like **Table 5**, the information presented in **Table 6** is divided into emission source categories.

For current emissions, the major source category that generates the largest amounts of ROG emissions in Placer County is On-Road Motor Vehicles. For 2035 emissions, the major source category that generates the largest amounts of ROG emissions in Placer County is Solvent Evaporation. The largest subcategory within this category is Consumer Products.

For current emissions, the major source category that generates the largest amounts of CO emissions in Placer County is On-Road Motor Vehicles. For 2035 emissions, the major source category that generates the largest amounts of CO emissions in Placer County is Other Mobile Sources. The largest subcategory within this category is Off-Road Equipment.

For both current and 2035 emissions, the major source category that generates the largest amounts of NO_x emissions in Placer County is On-Road Motor Vehicles.

For both current and 2035 emissions, the major source category that generates the largest amounts of PM₁₀ and PM_{2.5} emissions in Placer County is Miscellaneous Processes. For PM₁₀, the largest subcategory within this category is Construction and Demolition. For PM_{2.5}, the largest subcategory within this category is Residential Fuel Combustion.

**Table 4. Air Quality Attainment Status Designations
Sacramento Valley Air Basin Portion of Placer County**

Pollutant	Federal Standard	State Standard
Ozone	Nonattainment	Nonattainment
Carbon Monoxide	Attainment	Attainment
Nitrogen Dioxide	Unclassified / Attainment	Attainment
Inhalable Particulate Matter (PM ₁₀)	Attainment	Nonattainment
Fine Particulate Matter (PM _{2.5})	Nonattainment	Attainment
Source: Placer County Air Pollution Control District 2017.		

Table 5. Placer County Emissions Inventory for 2012

Emission Category	Reactive Organic Gases	Carbon Monoxide	Nitrogen Oxides	Inhalable Particulate Matter (PM₁₀)	Fine Particulate Matter (PM_{2.5})
<u>Fuel Combustion</u>					
Electric Utilities	0.01	0.03	0.39	0.15	0.14
Manufacturing and Industrial	0.05	0.54	0.42	0.04	0.04
Food and Agricultural Processing	0.01	0.04	0.08	0.00	0.00
Service and Commercial	0.03	0.15	0.12	0.04	0.04
Other (Fuel Combustion)	0.03	0.04	0.13	0.00	0.00
Subtotal	0.13	0.80	1.14	0.23	0.22
<u>Waste Disposal</u>					
Sewage Treatment	0.01	--	--	--	--
Landfills	0.11	0.00	0.01	--	--
Incinerators	0.00	--	--	0.00	--
Soil Remediation	0.00	--	--	--	--
Subtotal	0.12	0.00	0.01	0.00	0.00
<u>Cleaning and Surface Coatings</u>					
Laundering	0.03	--	--	--	--
Degreasing	0.60	--	--	--	--
Coatings and Related Process Solvents	0.69	--	--	0.00	0.00
Printing	0.14	--	--	--	--
Adhesives and Sealants	0.27	--	--	--	--
Subtotal	1.73	0.00	0.00	0.00	0.00
<u>Petroleum Production and Marketing</u>					
Petroleum Marketing	0.84	--	--	--	--
Other (Petroleum Production and Marketing)	0.01	--	--	--	--
Subtotal	0.85	0.00	0.00	0.00	0.00
<u>Industrial Processes</u>					
Chemical	0.01	--	--	0.00	0.00
Food and Agriculture	0.01	0.01	0.01	0.02	0.01
Mineral Processes	0.07	0.10	0.10	0.83	0.24
Wood and Paper	0.68	0.04	0.04	0.68	0.42
Electronics	0.00	--	--	--	-
Other (Industrial Processes)	0.00	0.00	0.00	0.01	0.01
Subtotal	0.77	0.15	0.15	1.54	0.68
<u>Solvent Evaporation</u>					
Consumer Products	1.90	--	--	--	--
Architectural Coatings & Related Process Solvent	0.80	--	--	--	--
Pesticides/Fertilizers	0.10	--	--	--	--
Asphalt Paving / Roofing	0.22	--	--	--	--
Subtotal	3.02	0.00	0.00	0.00	0.00

Table 5. Placer County Emissions Inventory for 2012 (Continued)

Emission Category	Reactive Organic Gases	Carbon Monoxide	Nitrogen Oxides	Inhalable Particulate Matter (PM₁₀)	Fine Particulate Matter (PM_{2.5})
<u>Miscellaneous Processes</u>					
Residential Fuel Combustion	1.80	10.14	0.81	1.43	1.38
Farming Operations	0.37	--	--	0.30	0.04
Construction and Demolition	--	--	--	4.80	0.48
Paved Road Dust	--	--	--	1.82	0.27
Unpaved Road Dust	--	--	--	2.32	0.23
Fugitive Windblown Dust	--	--	--	0.12	0.02
Fires	0.00	0.02	0.00	0.00	0.00
Managed Burning and Disposal	0.49	5.64	0.12	0.66	0.60
Cooking	0.01	--	--	0.11	0.11
Other (Miscellaneous Processes)	--	--	--	--	--
Subtotal	2.67	15.80	0.93	11.56	3.13
<u>On-Road Motor Vehicles</u>					
Light Duty Vehicles	2.96	24.31	2.36	0.40	0.18
Medium Duty Trucks	0.75	7.78	1.01	0.10	0.04
Heavy Duty Trucks	0.98	5.18	9.43	0.35	0.29
Motorcycles	0.49	2.95	0.13	0.00	0.00
Buses	0.05	0.49	0.46	0.02	0.01
Motor Homes	0.01	0.31	0.07	0.01	0.00
Subtotal	5.24	41.02	13.46	0.88	0.52
<u>Other Mobile Sources</u>					
Aircraft	0.03	0.80	0.00	0.00	0.00
Trains	0.23	0.73	3.70	0.09	0.08
Commercial Harbor Craft	0.02	0.09	0.28	0.01	0.01
Recreational Boats	2.93	9.79	0.58	0.19	0.14
Off-Road Recreational Vehicles	0.50	1.56	0.02	0.01	0.01
Off-Road Equipment	1.02	9.88	1.91	0.12	0.11
Farm Equipment	0.09	0.73	0.37	0.02	0.02
Fuel Storage and Handling	0.17	--	--	--	--
Subtotal	4.99	23.58	6.86	0.44	0.37
COUNTY TOTAL	19.54	81.35	22.54	14.69	4.93
Notes: All values are in tons per day. Dashes ("--") indicate no data are available. The sum of values may not equal total shown due to rounding. Source: California Air Resources Board (CARB) website: http://arb.ca.gov					

Table 6. Placer County Emissions Forecast for 2035

Emission Category	Reactive Organic Gases	Carbon Monoxide	Nitrogen Oxides	Inhalable Particulate Matter (PM₁₀)	Fine Particulate Matter (PM_{2.5})
<u>Fuel Combustion</u>					
Electric Utilities	0.01	0.03	0.57	0.24	0.22
Manufacturing and Industrial	0.05	1.08	0.79	0.08	0.07
Food and Agricultural Processing	0.00	0.04	0.02	0.00	0.00
Service and Commercial	0.04	0.17	0.13	0.04	0.04
Other (Fuel Combustion)	0.03	0.03	0.11	0.00	0.00
Subtotal	0.13	1.35	1.62	0.36	0.33
<u>Waste Disposal</u>					
Sewage Treatment	0.01	--	--	--	--
Landfills	0.14	0.00	0.01	--	--
Incinerators	0.00	0.00	--	0.00	--
Soil Remediation	0.00	--	--	--	--
Subtotal	0.15	0.00	0.01	0.00	0.00
<u>Cleaning and Surface Coatings</u>					
Laundering	0.05	--	--	--	--
Degreasing	1.11	--	--	--	--
Coatings and Related Process Solvents	1.27	--	--	0.00	0.00
Printing	0.18	--	--	--	--
Adhesives and Sealants	0.47	--	--	--	--
Subtotal	3.08	0.00	0.00	0.00	0.00
<u>Petroleum Production and Marketing</u>					
Petroleum Marketing	0.51	--	--	--	--
Other (Petroleum Production and Marketing)	0.00	--	--	--	--
Subtotal	0.51	0.00	0.00	0.00	0.00
<u>Industrial Processes</u>					
Chemical	0.01	--	--	0.00	0.00
Food and Agriculture	0.01	0.02	0.01	0.04	0.01
Mineral Processes	0.13	0.16	0.16	1.44	0.43
Wood and Paper	0.85	0.05	0.05	0.92	0.58
Electronics	0.00	--	--	--	-
Other (Industrial Processes)	0.00	0.00	0.01	0.05	0.02
Subtotal	1.00	0.23	0.23	2.45	1.04
<u>Solvent Evaporation</u>					
Consumer Products	2.32	--	--	--	--
Architectural Coatings & Related Process Solvent	1.06	--	--	--	--
Pesticides/Fertilizers	0.09	--	--	--	--
Asphalt Paving / Roofing	0.47	--	--	--	--
Subtotal	3.94	0.00	0.00	0.00	0.00

Table 6. Placer County Emissions Forecast for 2035 (Continued)

Emission Category	Reactive Organic Gases	Carbon Monoxide	Nitrogen Oxides	Inhalable Particulate Matter (PM₁₀)	Fine Particulate Matter (PM_{2.5})
<u>Miscellaneous Processes</u>					
Residential Fuel Combustion	2.36	13.28	0.87	1.86	1.80
Farming Operations	0.37	--	--	0.30	0.04
Construction and Demolition	--	--	--	10.46	1.05
Paved Road Dust	--	--	--	2.40	0.36
Unpaved Road Dust	--	--	--	2.32	0.23
Fugitive Windblown Dust	--	--	--	0.11	0.02
Fires	0.00	0.03	0.00	0.01	0.01
Managed Burning and Disposal	0.49	5.64	0.12	0.66	0.60
Cooking	0.01	--	--	0.14	0.14
Other (Miscellaneous Processes)	--	--	--	--	--
Subtotal	3.23	18.95	0.99	18.26	4.25
<u>On-Road Motor Vehicles</u>					
Light Duty Vehicles	0.72	5.56	0.37	0.58	0.24
Medium Duty Trucks	0.24	1.36	0.11	0.08	0.03
Heavy Duty Trucks	0.16	0.99	2.59	0.18	0.07
Motorcycles	0.36	1.81	0.10	0.00	0.00
Buses	0.00	0.09	0.08	0.02	0.00
Motor Homes	0.00	0.00	0.01	0.00	0.00
Subtotal	1.48	9.81	3.26	0.86	0.34
<u>Other Mobile Sources</u>					
Aircraft	0.03	0.80	0.00	0.00	0.00
Trains	0.06	0.91	1.10	0.02	0.02
Commercial Harbor Craft	0.02	0.12	0.13	0.00	0.00
Recreational Boats	0.90	7.76	0.38	0.06	0.05
Off-Road Recreational Vehicles	0.37	2.10	0.05	0.01	0.00
Off-Road Equipment	0.87	11.85	0.80	0.05	0.04
Farm Equipment	0.04	0.73	0.13	0.01	0.01
Fuel Storage and Handling	0.08	--	--	--	--
Subtotal	2.37	24.27	2.59	0.15	0.12
COUNTY TOTAL	15.92	54.60	8.71	22.07	6.11
Notes: All values are in tons per day. Dashes ("--") indicate no data are available. The sum of values may not equal total shown due to rounding. Source: California Air Resources Board (CARB) website: http://arb.ca.gov					

Table 7 presents estimates of GHG emissions generated in California during the years 2000 through 2015. The data are expressed as “million tonnes of CO₂ equivalent” per year. One tonne is sometimes referred to as a “metric ton”, and is equal to 2,204.6 pounds.

While CO₂ is the most common component of GHG, several different compounds are components of overall GHG. The different compounds contribute to climate change with varying intensities. The term “CO₂ equivalent” refers to a weighted composite of these several compounds, expressed as the equivalent amount of CO₂.

Table 7 presents estimates of GHG emissions disaggregated into the following seven major source categories:

- Transportation,
- Electric Power,
- Commercial and Residential,
- Industrial,
- Recycling and Waste,
- High GWP (global warming potential), and
- Agriculture.

Each major source category is further disaggregated into minor source categories.

As shown in **Table 7**, Transportation, Electric Power, and Industrial are the larger major source categories of GHG emissions in California. Other activities are relatively smaller sources of GHG emissions.

Table 8 presents estimates of GHG emissions generated in California during the years 2008 through 2020. These data are also expressed as “million tonnes of CO₂ equivalent” per year.

Table 7. California Greenhouse Gas Inventory for 2000 - 2015

California Greenhouse Gas Inventory for 2000-2015
— by Category as Defined in the 2008 Scoping Plan

million tonnes of CO₂ equivalent - (Based upon IPCC Fourth Assessment Report's 100-yr Global Warming Potentials)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Transportation	176.49	176.67	183.66	181.03	182.68	184.48	184.46	184.41	173.18	166.37	163.01	159.68	159.44	158.14	160.03	164.63
On Road	162.35	162.70	168.72	165.43	166.56	167.36	166.91	167.00	157.39	152.85	149.03	145.92	145.67	143.86	144.98	149.42
Passenger Vehicles	125.72	126.25	131.07	127.88	127.32	127.20	126.46	125.83	119.42	117.97	114.86	111.96	112.40	111.23	112.07	117.01
Heavy Duty Vehicles	36.63	36.45	37.65	37.55	39.24	40.16	40.45	41.17	37.97	34.88	34.37	33.96	33.27	32.63	32.90	32.41
Ships & Commercial Boats	3.50	3.32	3.63	3.79	3.80	4.05	4.09	4.26	4.01	3.64	3.71	3.56	3.60	3.86	3.95	3.89
Aviation (Intrastate)	4.15	4.07	4.12	4.25	4.49	4.49	4.56	4.97	4.50	4.03	3.84	3.71	3.75	3.91	3.89	4.20
Rail	1.88	1.89	2.50	2.86	2.91	3.34	3.53	3.17	2.38	1.95	2.31	2.64	2.47	2.40	2.75	2.42
Off Road [1]	2.63	2.79	2.77	2.84	3.03	3.22	3.32	3.18	2.82	2.25	2.03	2.13	2.23	2.33	2.43	2.53
Unspecified	1.98	1.90	1.93	1.85	1.89	2.01	2.05	1.84	2.09	1.66	2.09	1.72	1.71	1.77	2.04	2.16
Industrial	96.24	94.42	95.69	94.82	97.31	95.45	92.90	89.65	89.97	87.45	91.01	90.65	90.90	93.48	93.77	91.71
Refineries and Hydrogen Production	28.52	29.10	29.25	29.89	29.13	29.81	29.70	29.27	28.48	28.37	30.46	30.12	29.88	29.22	29.40	28.21
General Fuel Use	20.25	19.08	20.32	16.53	17.02	16.00	15.96	14.77	15.99	15.56	17.93	18.78	18.91	19.31	19.87	19.65
Natural Gas	16.82	14.82	15.18	11.97	12.80	12.72	12.38	11.56	12.37	11.48	13.48	14.50	14.48	14.36	15.58	15.08
Other Fuels	3.43	4.26	5.13	4.56	4.22	3.28	3.57	3.20	3.62	4.11	4.47	4.28	4.43	4.94	4.31	4.57
Oil & Gas: Production & Processing [2]	19.08	19.36	18.12	20.68	20.87	19.60	17.48	17.56	18.85	17.75	16.90	16.88	16.93	19.27	19.62	19.83
Fuel Use	17.53	17.76	16.51	18.03	19.20	17.81	15.75	15.78	17.05	15.92	15.01	14.91	14.87	16.88	17.18	17.22
Fugitive Emissions	1.55	1.60	1.62	1.65	1.67	1.80	1.73	1.77	1.81	1.83	1.89	1.97	2.07	2.28	2.44	2.60
Cement Plants	8.50	8.28	8.83	8.90	10.08	10.03	9.76	9.25	8.64	5.73	5.57	6.14	6.92	7.20	7.61	7.56
Clinker Production	5.52	5.28	5.82	5.87	6.03	5.96	5.81	5.66	5.28	3.80	3.46	4.06	4.85	4.93	5.27	5.17
Fuel Use	3.98	4.00	4.01	4.03	4.05	4.06	3.98	3.59	3.36	2.13	2.11	2.07	2.26	2.28	2.34	2.30
Cogeneration Heat Output	11.69	10.48	10.65	10.59	12.92	12.41	12.16	11.15	10.40	12.56	12.61	11.15	10.81	10.99	9.64	8.98
Other Fugitive and Process Emissions	7.19	7.12	7.51	7.22	7.30	7.61	7.84	7.65	7.61	7.47	7.54	7.58	7.45	7.49	7.63	7.48
Natural Gas Transmission & Distribution [5]	3.52	3.58	3.90	3.66	3.73	3.76	3.90	3.87	3.95	3.98	3.94	3.92	3.88	3.82	3.87	3.94
Manufacturing	0.29	0.29	0.24	0.24	0.25	0.25	0.23	0.23	0.20	0.17	0.20	0.18	0.18	0.18	0.18	0.18
Wastewater Treatment	1.86	1.84	1.88	1.84	1.84	1.83	1.84	1.85	1.83	1.81	1.86	1.88	1.88	1.88	1.87	1.82
Other	1.52	1.43	1.51	1.48	1.48	1.76	1.86	1.70	1.64	1.50	1.54	1.59	1.51	1.61	1.73	1.54
Electric Power	104.84	122.00	108.64	112.61	115.20	107.85	104.53	113.93	120.14	101.37	90.34	88.06	95.09	89.65	88.24	83.67
In-State Generation	58.94	62.98	49.68	48.05	49.15	45.05	49.85	54.12	54.32	53.33	46.75	41.20	51.02	49.47	51.72	49.93
Natural Gas	50.92	55.48	42.17	40.92	42.40	38.11	43.07	47.12	48.02	46.08	40.59	35.92	45.77	45.86	46.43	45.16
Other Fuels	6.84	6.36	6.36	5.98	5.59	5.77	5.63	5.85	5.15	5.90	5.05	4.03	4.44	2.91	4.40	3.65
Fugitive and Process Emissions	1.17	1.16	1.15	1.15	1.16	1.16	1.15	1.16	1.14	1.35	1.10	1.25	0.82	0.90	0.90	1.13
Imported Electricity	45.90	59.02	58.96	64.56	66.04	62.80	54.68	59.81	65.82	48.04	43.59	46.86	44.07	40.17	36.51	33.74
Unspecified Imports	14.27	25.42	26.92	32.05	32.92	30.01	27.95	32.73	37.92	14.99	13.45	15.52	17.48	11.82	13.44	11.21
Specified Imports	31.64	33.59	32.04	32.51	33.13	32.79	26.73	27.08	27.90	33.05	30.14	31.34	26.59	26.35	23.07	22.52

Table 7. California Greenhouse Gas Inventory for 2000 – 2015 (Continued)

California Environmental Protection Agency
Air Resources Board

California Greenhouse Gas Inventory for 2000-2015
— by Category as Defined in the 2008 Scoping Plan

million tonnes of CO₂ equivalent - (based upon IPCC Fourth Assessment Report's 100-yr Global Warming Potentials)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Commercial and Residential	43.18	42.08	44.06	42.53	43.79	42.25	42.94	43.15	43.52	43.63	45.05	45.50	42.89	43.54	37.37	37.82
Residential Fuel Use	29.38	28.47	28.62	28.14	29.17	27.98	28.36	28.50	28.82	28.47	29.19	29.64	27.34	28.14	22.87	23.17
Natural Gas	27.98	27.38	27.48	26.82	27.33	25.93	26.55	26.88	26.82	26.26	26.89	27.51	25.76	26.52	21.58	21.90
Other Fuels	1.41	1.09	1.13	1.52	1.84	2.06	1.81	1.82	2.20	2.21	2.21	2.13	1.58	1.62	1.28	1.27
Commercial Fuel Use	11.47	11.31	13.11	12.84	12.70	12.55	12.83	12.82	12.99	12.89	13.58	13.71	13.41	13.30	12.51	12.77
Natural Gas	10.05	10.06	11.88	11.36	11.14	10.92	11.60	11.47	11.14	11.00	11.17	11.33	11.25	11.28	10.39	10.50
Other Fuels	1.42	1.22	1.23	1.48	1.55	1.64	1.24	1.36	1.85	1.88	2.41	2.38	2.16	2.02	2.12	2.26
Commercial Cogeneration Heat Output	1.09	1.05	1.06	0.26	0.62	0.40	0.42	0.49	0.37	0.92	0.78	0.76	0.76	0.71	0.58	0.56
Other Commercial and Residential	1.24	1.26	1.27	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.40	1.41	1.42
Agriculture	31.95	31.95	34.15	34.39	33.85	34.52	35.70	36.02	36.06	33.63	34.64	35.28	36.42	34.93	36.03	34.65
Livestock	19.62	19.89	21.17	21.61	20.81	21.46	21.81	24.13	24.13	23.41	24.00	23.84	24.47	23.49	23.81	23.25
Enteric Fermentation (Cognitive Process)	10.36	10.25	10.91	11.00	10.77	11.08	11.13	12.31	12.04	11.85	12.13	11.98	12.10	11.78	11.85	11.54
Manure Management	9.26	9.64	10.25	10.60	10.04	10.39	10.68	11.82	12.09	11.75	11.86	11.86	12.38	11.71	11.96	11.71
Crop Growing & Harvesting	8.52	8.24	8.60	8.53	8.54	8.46	8.59	8.11	7.84	7.81	7.87	7.79	8.07	7.74	7.55	7.00
Fertilizers	6.25	6.25	6.40	6.38	6.23	6.24	6.20	5.96	5.82	5.74	5.76	5.67	5.93	5.65	5.72	5.28
Soil Preparation and Disturbance	2.19	1.93	2.14	2.08	2.24	2.15	2.32	2.08	1.94	2.00	2.01	2.03	2.06	2.01	1.78	1.64
Crop Residue Burning	0.08	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
General Fuel Use	3.81	3.82	4.38	4.25	4.50	4.60	5.30	3.78	4.09	2.61	2.77	3.65	3.88	3.71	4.66	4.39
Diesel	2.52	2.59	3.04	3.00	3.17	3.40	3.86	2.68	3.18	1.75	1.96	2.52	2.47	2.53	3.54	3.66
Natural Gas	0.98	0.75	0.94	0.85	0.82	0.70	0.88	0.79	0.75	0.89	0.85	0.86	0.70	0.89	0.63	0.64
Gasoline	0.31	0.38	0.40	0.40	0.50	0.50	0.55	0.31	0.16	0.16	0.16	0.48	0.71	0.49	0.49	0.10
Other Fuels	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High GWP	7.14	7.07	7.31	7.97	8.70	9.42	10.33	11.07	11.80	12.43	13.64	14.74	15.74	16.82	17.82	19.05
Ozone Depleting Substance (ODS) Substitutes	6.10	6.23	6.52	7.20	7.95	8.75	9.64	10.43	11.27	11.96	13.20	14.21	15.25	16.38	17.42	18.37
Electricity Grid SF₆ Losses [4]	0.51	0.49	0.44	0.42	0.40	0.37	0.33	0.29	0.30	0.27	0.24	0.25	0.24	0.18	0.14	0.42
Semiconductor Manufacturing [3]	0.52	0.35	0.35	0.35	0.35	0.35	0.36	0.35	0.23	0.20	0.20	0.28	0.26	0.26	0.26	0.26
Recycling and Waste	7.35	7.51	7.46	7.60	7.60	7.78	7.86	7.94	8.11	8.27	8.37	8.47	8.49	8.52	8.59	8.73
Landfills [3]	7.22	7.36	7.31	7.43	7.42	7.59	7.65	7.71	7.68	8.02	8.11	8.19	8.20	8.22	8.28	8.40
Composting	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.27	0.29	0.30	0.31	0.33
Included Inventory Emissions	467.19	481.69	480.98	480.94	489.13	481.75	478.70	486.16	482.78	453.34	446.06	442.38	448.97	445.08	441.85	440.36

[1] Includes equipment used in construction, mining, oil drilling, industrial and airport ground operations.
 [2] Reflects emissions from combustion of natural gas, diesel, and lease fuel plus fugitive emissions.
 [3] These categories are listed in the Industrial sector of ARB's GHG Emission Inventory sectors.
 [4] This category is listed in the Electric Power sector of ARB's GHG Emission Inventory sectors.
 [5] The exceptional Aliso Canyon natural gas leak event released 1.98 MMTCO₂e of unanticipated emissions in calendar year 2015 and an additional 0.52 MMTCO₂e in 2016. These emissions will be mitigated in the future according to legal settlement and are presented alongside but tracked separately from routine inventory emissions.

Last Updated: Tuesday, June 6, 2017

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Source: California Air Resources Board website <http://www.arb.ca.gov>

Table 8. California GHG Emissions – Forecast (2009-2020)

(Mid Case) Forecast for Updated Scoping Plan - MMTCO ₂ e (AR4)												
Scoping Plan Category	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Transportation	171.5	170.6	168.4	172.7	174.4	176.4	178.1	179.7	181.4	182.8	183.9	185.3
On Road	158.6	157.5	155.1	159.2	160.5	162.1	163.4	164.6	165.9	166.9	167.6	168.7
Passenger Vehicles	122.5	121.5	119.0	122.1	122.9	123.5	123.9	124.5	125.2	125.6	125.7	126.2
Heavy Duty Trucks	36.1	36.0	36.1	37.0	37.7	38.7	39.5	40.1	40.7	41.3	41.9	42.5
Ships & Commercial Boats	3.7	3.7	3.8	4.0	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1
Aviation (Intrastate)	4.0	3.8	3.7	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.6
Rail	1.9	2.3	2.5	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8
Off Road [1]	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
Unspecified	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Electric Power	103.6	90.1	86.6	93.4	94.6	95.9	97.2	98.6	99.8	100.9	102.3	103.8
In-State Generation	55.5	46.5	39.7	46.9	48.1	49.4	50.7	52.1	53.3	54.4	55.8	57.3
Natural Gas	48.9	40.6	34.5	41.0	42.2	43.5	44.8	46.2	47.3	48.5	49.9	51.4
Other Fuels	5.3	4.8	3.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Fugitive and Process Emissions	1.3	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Imported Electricity	48.0	43.6	46.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
Unspecified Imports	15.0	13.5	15.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
Specified Imports	33.1	30.1	31.3	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
Commercial and Residential	44.2	45.2	45.5	45.5	45.9	46.4	46.8	47.3	47.9	48.4	49.0	49.5
Residential Fuel Use	28.7	29.4	29.9	29.9	30.1	30.2	30.3	30.6	30.8	31.1	31.4	31.7
Natural Gas	26.3	27.0	27.5	27.5	27.7	27.9	28.0	28.2	28.4	28.7	29.0	29.3
Other Fuels	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Commercial Fuel Use	14.6	14.8	14.9	14.7	14.9	15.2	15.6	15.9	16.2	16.5	16.7	17.0
Natural Gas	12.6	12.5	12.6	12.5	12.7	13.0	13.4	13.7	14.0	14.3	14.5	14.8
Other Fuels	2.0	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Commercial Cogeneration Heat Output	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Industrial	85.3	92.0	94.4	91.5	92.0	92.6	93.0	93.2	93.3	93.5	93.6	93.7
Refineries	28.3	30.4	30.1	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
General Fuel Use	17.6	20.2	21.6	21.2	21.7	22.1	22.4	22.7	23.0	23.3	23.6	23.9
Natural Gas	11.5	13.5	14.5	14.6	15.0	15.4	15.7	16.0	16.3	16.6	16.9	17.2
Other Fuels	6.1	6.8	7.1	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Oil & Gas Extraction [2]	17.1	16.2	16.2	15.7	15.6	15.7	15.7	15.5	15.2	15.0	14.7	14.5
Fuel Use	15.9	15.0	14.9	14.6	14.5	14.6	14.6	14.4	14.2	13.9	13.7	13.5
Fugitive Emissions	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0
Cement Plants	5.7	5.6	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Clinker Production	3.6	3.5	4.1	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Fuel Use	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Cogeneration Heat Output	10.3	12.5	12.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Other Fugitive and Process Emissions	6.3	7.2	7.7	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1
Recycling and Waste	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.7	8.9	9.0	9.2	9.4
Landfills [3]	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.4	8.6	8.7	8.9	9.1
Composting	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
High GWP	14.1	16.1	17.3	19.1	20.6	22.2	23.7	25.3	26.9	28.5	30.1	31.5
Ozone Depleting Substance (ODS) Substitutes	13.5	15.4	16.6	18.4	20.0	21.5	23.1	24.7	26.3	27.9	29.4	30.9
Electricity Grid SF ₆ Losses [4]	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Semiconductor Manufacturing [3]	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Agriculture	35.0	34.9	35.4	34.8	34.9	35.0	35.1	35.2	35.4	35.6	35.8	36.2
Livestock	23.5	23.0	23.0	22.9	23.0	23.1	23.2	23.4	23.6	23.8	24.0	24.4
Enteric Fermentation (Digestive Process)	11.3	11.1	11.1	11.1	11.1	11.2	11.2	11.3	11.4	11.4	11.5	11.7
Manure Management	12.2	11.8	11.9	11.8	11.9	11.9	12.0	12.1	12.2	12.3	12.5	12.7
Crop Growing & Harvesting	8.8	9.1	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Fertilizers	7.3	7.6	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Soil Preparation and Disturbances	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Crop Residue Burning	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
General Fuel Use	2.7	2.8	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Diesel	1.8	2.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Natural Gas	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Gasoline	0.2	0.2	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Other Fuels	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL GROSS EMISSIONS	461.8	457.0	455.9	465.4	470.8	476.9	482.4	488.0	493.5	498.7	503.9	509.4
2020 BAU Forecast Version: May 27, 2014												

Source: California Air Resources Board website <http://www.arb.ca.gov>

3.6 REGULATORY SETTING

Air quality within the SVAB is regulated by such agencies as the Placer County Air Pollution Control District (PCAPCD), ARB, and EPA. Each of these agencies develops rules, regulations, policies, and/or goals to attain the goals or directives imposed through legislation. Although the EPA regulations may not be superseded, both state and local regulations may be more stringent.

3.6.1 Federal Air Quality Regulations

At the federal level, EPA has been charged with implementing national air quality programs. EPA's air quality mandates are drawn primarily from the Federal Clean Air Act (FCAA), which was enacted in 1963. The FCAA was amended in 1970, 1977, and 1990.

The FCAA required EPA to establish primary and secondary NAAQS, which are shown in **Table 1**. The FCAA also required each state to prepare an air quality control plan referred to as a State Implementation Plan (SIP). The Federal Clean Air Act Amendments of 1990 (FCAAA) added requirements for states with nonattainment areas to revise their SIPs to incorporate additional control measures to reduce air pollution. The SIP is periodically modified to reflect the latest emissions inventories, planning documents, and rules and regulations of the air basins as reported by their jurisdictional agencies. EPA has responsibility to review all state SIPs to determine conformance to the mandates of the FCAAA and determine if implementation will achieve air quality goals. If the EPA determines a SIP to be inadequate, a Federal Implementation Plan (FIP) may be prepared for the nonattainment area that imposes additional control measures. Failure to submit an approvable SIP or to implement the plan within the mandated timeframe may result in sanctions being applied to transportation funding and stationary air pollution sources in the air basin.

3.6.2 State Air Quality Regulations

ARB is the agency responsible for coordination and oversight of state and local air pollution control programs in California and for implementing the California Clean Air Act (CCAA), which was adopted in 1988. The CCAA requires that all air districts in the state endeavor to achieve and maintain the CAAQS by the earliest practical date. The act specifies that districts should focus particular attention on reducing the emissions from transportation and area-wide emission sources, and provides districts with the authority to regulate indirect sources.

ARB is primarily responsible for developing and implementing air pollution control plans to achieve and maintain the NAAQS. The ARB is primarily responsible for statewide pollution sources and produces a major part of the SIP. Local air districts are still relied upon to provide additional strategies for sources under their jurisdiction. The ARB combines these data and submits the completed SIP to EPA.

Other ARB duties include monitoring air quality (in conjunction with air monitoring networks maintained by air pollution control and air quality management districts), establishing CAAQS (which in many cases are more stringent than the NAAQS), determining and updating area

designations and maps, and setting emissions standards for new mobile sources, consumer products, small utility engines, and off-road vehicles.

Section 39610(a) of the CCAA directs the ARB to “identify each district in which transported air pollutants from upwind areas outside the district cause or contribute to a violation of the ozone standard and to identify the district of origin of transported pollutants.” The information regarding the transport of air pollutants from one basin to another was to be quantified to assist interrelated basins in the preparation of plans for the attainment of CAAQS. Numerous studies conducted by the ARB have identified air basins that are impacted by pollutants transported from other air basins (as of 1993). Among the air basins affected by air pollution transport from the San Francisco Bay Area Air Basin (SFBAAB) are the MCAB, the San Joaquin Valley Air Basin, and the Sacramento Valley Air Basin.

3.6.3 Local Air Quality Management

The PCAPCD is the primary local agency responsible for protecting human health and property from the harmful effects of air pollution in the County. PCAPCD is required to adopt an *Air Quality Attainment Plan* and establish and enforce air pollution control rules and regulations in order to attain and maintain all state and federal ambient air quality standards. The PCAPCD regulates, permits, and inspects stationary sources of air pollution. Among these sources are industrial facilities, gasoline stations, auto body shops, and dry cleaners.

While the state is responsible for emission standards and controlling actual tailpipe emissions from motor vehicles, the PCAPCD is required to regulate agricultural burning and industrial emissions, implement transportation control measures and recommend mitigation measures for new growth and development designed to reduce the number of cars on the road, and promote the use of cleaner fuels.

The project site is located in the Sacramento region’s non-attainment area for federal ozone standards. The PCAPCD, along with other local air districts in the Sacramento region, are required to comply with and implement the State Implementation Plan (SIP) to demonstrate when and how the region can attain the federal ozone standards. Accordingly, the Sacramento Metropolitan Air Quality Management District (SMAQMD) prepared the *Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan* in December 2008, with input from the other air districts in the region. The SMAQMD adopted the Plan on January 22, 2009; followed by the Feather River Air Quality Management District (FRAQMD) on February 2, 2009; the El Dorado County Air Quality Management District (EDCAQMD) on February 10, 2009; the Yolo-Solano Air Quality Management District (YSAQMD) on February 11, 2009; and the PCAPCD on February 19, 2009. CARB determined that the Plan meets Clean Air Act requirements and approved the Plan on March 26, 2009 as a revision to the SIP.

The *Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan* demonstrates how existing and new control strategies would provide the future emission reductions needed to meet the federal Clean Air Act requirements. Adoption of all reasonably available control measures is required for attainment. Measures could include, but are not

limited to the following: regional mobile incentive programs; urban forest development programs; and local regulatory measures for emission reductions related to indirect source rules, architectural coating, automotive refinishing, natural gas production and processing, asphalt concrete, and various others.

The SMAQMD held a public hearing on the 2013 Revisions to the *Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan*. This hearing was conducted on behalf of the air districts in the Sacramento Federal Ozone Nonattainment Area, including the YSAQMD, the FRAQMD, the EDCAQMD, and the PCAPCD. The *2013 Revisions to the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan* was adopted on September 26, 2013 and submitted to the CARB. CARB approved the plan on November 21, 2013, and submitted it to the EPA to be included in or revise the SIP.

3.6.4 Global Climate Change and Greenhouse Gas Emissions

Federal Regulations. The following describes Federal regulations related to global climate change and GHG emissions.

Supreme Court Ruling. The EPA is the Federal agency responsible for implementing the FCAA. The U.S. Supreme Court ruled in its decision in *Massachusetts et al. v. Environmental Protection Agency et al.* ([2007] 549 U.S. 05-1120), issued on April 2, 2007, that CO₂ is an air pollutant as defined under the FCAA, and that EPA has the authority to regulate emissions of GHGs.

In response to the mounting issue of climate change, EPA has taken actions to regulate, monitor, and potentially reduce GHG emissions.

Mandatory Greenhouse Gas Reporting Rule. On September 22, 2009, EPA issued a final rule for mandatory reporting of GHGs from large GHG emissions sources in the United States. In general, this national reporting requirement will provide EPA with accurate and timely GHG emissions data from facilities that emit 25,000 metric tons or more of CO₂ per year. This publicly available data will allow the reporters to track their own emissions, compare them to similar facilities, and aid in identifying cost effective opportunities to reduce emissions in the future. Reporting is at the facility level, except that certain suppliers of fossil fuels and industrial greenhouse gases along with vehicle and engine manufacturers will report at the corporate level. An estimated 85 percent of the total U.S. GHG emissions, from approximately 10,000 facilities, are covered by this final rule.

Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases under the Clean Air Act. On April 23, 2009, EPA published their Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases under the FCAA (Endangerment Finding) in the Federal Register. The Endangerment Finding is based on Section 202(a) of the FCAA, which states that the

Administrator of EPA should regulate and develop standards for “emission[s] of air pollution from any class of classes of new motor vehicles or new motor vehicle engines, which in [its] judgment cause, or contribute to, air pollution which may reasonably be anticipated to endanger public health or welfare.” The proposed rule addresses Section 202(a) in two distinct findings. The first addresses whether or not the concentrations of the six key GHGs (i.e., CO₂, methane [CH₄], nitrous oxide [N₂O], hydrofluorocarbons [HFCs], perfluorocarbons [PFCs], and sulfur hexafluoride [SF₆]) in the atmosphere threaten the public health and welfare of current and future generations. The second addresses whether or not the combined emissions of GHGs from new motor vehicles and motor vehicle engines contribute to atmospheric concentrations of GHGs and to the threat of climate change.

The Administrator proposed the finding that atmospheric concentrations of GHGs endanger the public health and welfare within the meaning of Section 202(a) of the FCAA. The evidence supporting this finding consists of human activity resulting in “high atmospheric levels” of GHG emissions, which are very likely responsible for increases in average temperatures and other climatic changes. Furthermore, the observed and projected results of climate change (e.g., higher likelihood of heat waves, wild fires, droughts, sea level rise, higher intensity storms) are a threat to the public health and welfare. Therefore, GHGs were found to endanger the public health and welfare of current and future generations.

The Administrator also proposed the finding that GHG emissions from new motor vehicles and motor vehicle engines are contributing to air pollution, which is endangering public health and welfare. The proposed finding cites that in 2006, motor vehicles were the second largest contributor to domestic GHG emissions (24 percent of total) behind electricity generation. Furthermore, in 2005, the U.S. was responsible for 18 percent of global GHG emissions. Therefore, GHG emissions from motor vehicles and motor vehicle engines were found to contribute to air pollution that endangers public health and welfare.

State Greenhouse Gas Regulations. The following describes State regulations related to global climate change and GHG emissions.

Assembly Bill 1493 (2002). In 2002, then-Governor Gray Davis signed Assembly Bill (AB) 1493. AB 1493 requires that ARB develop and adopt, by January 1, 2005, regulations that achieve “the maximum feasible reduction of greenhouse gases emitted by passenger vehicles and light-duty trucks and other vehicles determined by ARB to be vehicles whose primary use is noncommercial personal transportation in the state.”

To meet the requirements of AB 1493, in 2004 ARB approved amendments to the California Code of Regulations (CCR) adding GHG emissions standards to California’s existing standards for motor vehicle emissions. Amendments to CCR

Title 13, Sections 1900 and 1961 (13 CCR 1900, 1961), and adoption of Section 1961.1 (13 CCR 1961.1) require automobile manufacturers to meet fleet-average GHG emissions limits for all passenger cars, light-duty trucks within various weight criteria, and medium-duty passenger vehicle weight classes (i.e., any medium-duty vehicle with a gross vehicle weight rating less than 10,000 pounds that is designed primarily for the transportation of persons), beginning with the 2009 model year. For passenger cars and light-duty trucks with a loaded vehicle weight (LVW) of 3,750 pounds or less, the GHG emission limits for the 2016 model year are approximately 37 percent lower than the limits for the first year of the regulations, the 2009 model year. For light-duty trucks with LVW of 3,751 pounds to gross vehicle weight (GVW) of 8,500 pounds, as well as medium-duty passenger vehicles, GHG emissions would be reduced approximately 24 percent between 2009 and 2016.

In December 2004, a group of car dealerships, automobile manufacturers, and trade groups representing automobile manufacturers filed suit against ARB to prevent enforcement of 13 CCR Sections 1900 and 1961 as amended by AB 1493 and 13 CCR 1961.1 (Central Valley Chrysler-Jeep et al. v. Catherine E. Witherspoon, in Her Official Capacity as Executive Director of the California Air Resources Board, et al.). The auto-makers' suit in the U.S. District Court for the Eastern District of California, contended California's implementation of regulations that, in effect, regulate vehicle fuel economy violates various federal laws, regulations, and policies.

On December 12, 2007, the Court found that if California receives appropriate authorization from EPA (the last remaining factor in enforcing the standard), these regulations would be consistent with and have the force of federal law, thus, rejecting the automakers' claim. This authorization to implement more stringent standards in California was requested in the form of a FCAA Section 209, subsection (b) waiver in 2005. Since that time, EPA failed to act on granting California authorization to implement the standards. Governor Schwarzenegger and Attorney General Edmund G. Brown filed suit against EPA for the delay. In December 2007, EPA Administrator Stephen Johnson denied California's request for the waiver to implement AB 1493. Johnson cited the need for a national approach to reducing GHG emissions, the lack of a "need to meet compelling and extraordinary conditions", and the emissions reductions that would be achieved through the Energy Independence and Security Act of 2007 as the reasoning for the denial.

The State of California filed suit against EPA for its decision to deny the FCAA waiver. A change in presidential administration directed EPA to reexamine its position for denial of California's CAA waiver and for its past opposition to GHG emissions regulation. California received the waiver, notwithstanding the previous denial by EPA, on June 30, 2009.

Assembly Bill 32 (2006), California Global Warming Solutions Act. In September 2006, the governor of California signed AB 32 (Chapter 488, Statutes of 2006), the California Global Warming Solutions Act of 2006, which enacted Sections 38500–38599 of the California Health and Safety Code. AB 32 requires the reduction of statewide GHG emissions to 1990 levels by 2020. This equates to an approximate 15 percent reduction compared to existing statewide GHG emission levels or a 30 percent reduction from projected 2020 “business-as-usual” (BAU) emission levels. The required reduction will be accomplished through an enforceable statewide cap on GHG emissions beginning in 2012.

To effectively implement the statewide cap on GHG emissions, AB 32 directs ARB to develop and implement regulations that reduce statewide GHG emissions generated by stationary sources. Specific actions required of ARB under AB 32 include adoption of a quantified cap on GHG emissions that represent 1990 emissions levels along with disclosing how the cap was quantified, institution of a schedule to meet the emissions cap, and development of tracking, reporting, and enforcement mechanisms to ensure that the state achieves the reductions in GHG emissions needed to meet the cap.

In addition, AB 32 states that if any regulations established under AB 1493 (2002) cannot be implemented then ARB is required to develop additional, new regulations to control GHG emissions from vehicles as part of AB 32.

AB 32 Climate Change Scoping Plan. In December 2008, ARB adopted its *Climate Change Scoping Plan* (California Air Resources Board 2008), which contains the main strategies California will implement to achieve reduction of approximately 169 million metric tons (MMT) of CO₂e, or approximately 30 percent from the state’s projected 2020 emission level of 596 MMT of CO₂e under a BAU scenario (this is a reduction of 42 MMT CO₂e, or almost 10 percent from 2002-2004 average emissions). The Scoping Plan also includes ARB-recommended GHG reductions for each emissions sector of the state’s GHG inventory. The Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO₂e),
- the Low-Carbon Fuel Standard (15.0 MMT CO₂e),
- energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO₂e), and
- a renewable portfolio standard for electricity production (21.3 MMT CO₂e).

ARB has not yet determined what amount of GHG reductions it recommends from local government operations; however, the Scoping Plan does state that land use planning and urban growth decisions will play an important role in the state's GHG reductions because local governments have primary authority to plan, zone, approve, and permit how land is developed to accommodate population growth and the changing needs of their jurisdictions (meanwhile, ARB is also developing an additional protocol for community emissions). ARB further acknowledges that decisions on how land is used will have large impacts on the GHG emissions that will result from the transportation, housing, industry, forestry, water, agriculture, electricity, and natural gas emission sectors. The Scoping Plan states that the ultimate GHG reduction assignment to local government operations is to be determined. With regard to land use planning, the Scoping Plan expects approximately 5.0 MMT CO₂e will be achieved associated with implementation of SB 375, which is discussed further below.

In 2014, ARB adopted the *First Update to the Climate Change Scoping Plan* (California Air Resources Board 2014). “The First Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defines ARB’s climate change priorities for the next five years, and also sets the groundwork to reach long-term goals set forth in Executive Orders S-3-05 and B-16-2012. The Update highlights California’s progress toward meeting the “near-term” 2020 GHG emission reduction goals defined in the initial Scoping Plan. It also evaluates how to align the State’s “longer-term” GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use.” (California Air Resources Board 2016)

Senate Bills 1078 and 107 and Executive Order S-14-08. SB 1078 (Chapter 516, Statutes of 2002) requires retail sellers of electricity, including investor-owned utilities and community choice aggregators, to provide at least 20 percent of their supply from renewable sources by 2017. SB 107 (Chapter 464, Statutes of 2006) changed the target date to 2010. In November 2008 Governor Schwarzenegger signed Executive Order S-14-08, which expands the state’s Renewable Energy Standard to 33 percent renewable power by 2020.

Senate Bill 1368 (2006). SB 1368 is the companion bill of AB 32 and was signed by Governor Schwarzenegger in September 2006. SB 1368 requires the California Public Utilities Commission (PUC) to establish a greenhouse gas emission performance standard for baseload generation from investor owned utilities by February 1, 2007. The California Energy Commission (CEC) must establish a similar standard for local publicly owned utilities by June 30, 2007. These standards cannot exceed the greenhouse gas emission rate from a baseload combined-cycle natural gas fired plant. The legislation further requires that all electricity provided to California, including imported electricity, must be generated from plants that meet the standards set by the PUC and CEC.

Senate Bill 97 (2007). SB 97, signed by the Governor in August 2007 (Chapter 185, Statutes of 2007; Public Resources Code, Sections 21083.05 and 21097), acknowledges climate change is a prominent environmental issue that requires analysis under CEQA. This bill directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the California Resources Agency by July 1, 2009 guidelines for mitigating GHG emissions or the effects of GHG emissions, as required by CEQA. The California Resources Agency is required to certify and adopt these guidelines by January 1, 2010.

This bill also removes, both retroactively and prospectively, as legitimate causes of action in litigation any claim of inadequate CEQA analysis of effects of GHG emissions associated with environmental review for projects funded by the Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006 (Proposition 1B) or the Disaster Preparedness and Flood Protection Bond Act of 2006 (Proposition 1E). This provision will be repealed by provision of law on January 1, 2010 at that time such projects, if any remain unapproved, will no longer enjoy protection against litigation claims based on failure to adequately address issues related to GHG emissions.

Senate Bill 375 (2008). SB 375, signed in September 2008, aligns regional transportation planning efforts, regional GHG reduction targets, and land use and housing allocation. As part of the alignment, SB 375 requires Metropolitan Planning Organizations (MPOs) to adopt a Sustainable Communities Strategy (SCS) or Alternative Planning Strategy (APS) which prescribes land use allocation in that MPO's Regional Transportation Plan (RTP). The ARB, in consultation with MPOs, is required to provide each affected region with reduction targets for GHGs emitted by passenger cars and light trucks in the region for the years 2020 and 2035. These reduction targets will be updated every eight years but can be updated every four years if advancements in emissions technologies affect the reduction strategies to achieve the targets. The ARB is also charged with reviewing each MPO's SCS or APS for consistency with its assigned GHG emission reduction targets. If MPOs do not meet the GHG reduction targets, transportation projects located in the MPO boundaries would not be eligible for funding programmed after January 1, 2012.

This bill also extends the minimum time period for the Regional Housing Needs Allocation (RNHA) cycle from five years to eight years for local governments located in an MPO that meets certain requirements. City or County land use policies (e.g., General Plans) are not required to be consistent with the RTP including associated SCSs or APSs. Projects consistent with an approved SCS or APS and categorized as "transit priority projects" would receive incentives under new provisions of CEQA.

Executive Order S-3-05 (2005). Governor Schwarzenegger signed Executive Order S-3-05 on June 1, 2005 which proclaimed California is vulnerable to the impacts of climate change. The executive order declared increased temperatures could reduce snowpack in the Sierra Nevada Mountains, further exacerbate California's air quality problems, and potentially cause a rise in sea levels. To combat those concerns, the executive order established targets for total GHG emissions which include reducing GHG emissions to the 2000 level by 2010, to the 1990 level by 2020, and to 80 percent below the 1990 level by 2050.

The executive order also directed the secretary of the California Environmental Protection Agency to coordinate a multiagency effort to reduce GHG emissions to the target levels. The secretary will submit biannual reports to the governor and legislature describing progress made toward reaching the emission targets; impacts of global warming on California's resources; and mitigation and adaptation plans to combat impacts of global warming.

To comply with the executive order, the Secretary of the California Environmental Protection Agency created the California Climate Action Team which is made up of members from various state agencies and commissions. The California Climate Action Team released its first report in March 2006 which proposed achieving the GHG emissions targets by building on voluntary actions of California businesses and actions by local governments and communities along with continued implementation of state incentive and regulatory programs.

Executive Order S-13-08. Governor Schwarzenegger signed Executive Order S-13-08 on November 14, 2008 which directs California to develop methods for adapting to climate change through preparation of a statewide plan. The executive order directs OPR, in cooperation with the California Resources Agency (CRA), to provide land use planning guidance related to sea level rise and other climate change impacts by May 30, 2009. The order also directs the CRA to develop a state Climate Adaptation Strategy by June 30, 2009 and to convene an independent panel to complete the first California Sea Level Rise Assessment Report. The assessment report is required to be completed by December 1, 2010 and required to include the following four items:

1. project the relative sea level rise specific to California by taking into account issues such as coastal erosion rates, tidal impacts, El Niño and La Niña events, storm surge, and land subsidence rates;
2. identify the range of uncertainty in selected sea level rise projections;
3. synthesize existing information on projected sea level rise impacts to state infrastructure (e.g., roads, public facilities, beaches), natural areas, and coastal and marine ecosystems; and
4. discuss future research needs relating to sea level rise in California.

Executive Order S-1-07. Governor Schwarzenegger signed Executive Order S-1-07 in 2007 which proclaimed the transportation sector as the main source of GHG emissions in California. The executive order proclaims the transportation sector accounts for over 40 percent of statewide GHG emissions. The executive order also establishes a goal to reduce the carbon intensity of transportation fuels sold in California by a minimum of 10 percent by 2020.

In particular, the executive order established a Low-Carbon Fuel Standard (LCFS) and directed the Secretary for Environmental Protection to coordinate the actions of the CEC, the ARB, the University of California, and other agencies to develop and propose protocols for measuring the “life-cycle carbon intensity” of transportation fuels. This analysis supporting development of the protocols was included in the State Implementation Plan for alternative fuels (State Alternative Fuels Plan adopted by CEC on December 24, 2007) and was submitted to ARB for consideration as an “early action” item under AB 32. The ARB adopted the LCFS on April 23, 2009.

Local Greenhouse Gas Planning. California has 35 Air Pollution Control Districts (APCD) and Air Quality Management Districts (AQMD), many of which are currently addressing climate change issues by developing significance thresholds, performance standards, and mitigations measures. On October 13, 2016, the PCAPCD Board of Directors adopted the *Placer County Air Pollution Control District Policy – Review of Land Use Projects Under CEQA* (Placer County Air Pollution Control District 2016a). The policy establishes thresholds of significance for criteria pollutants as well as GHG emissions, and the review principles which serve as guidelines for the District staff when the District acts as a commenting agency to review and comment on the environmental documents prepared by CEQA lead agencies.

Significance thresholds for both criteria pollutants and GHG emissions are described in more detail later in this Air Quality Study.

3.7 TOPOGRAPHY AND METEOROLOGY

Air quality is affected by the rate, amount, and location of pollutant emissions and the associated meteorological conditions that influence pollutant movement and dispersal. Atmospheric conditions (for example, wind speed, wind direction, and air temperature) in combination with local surface topography (for example, geographic features such as mountains and valleys) determine how air pollutant emissions affect local air quality.

The Proposed Project is located in western Placer County, which falls within the SVAB and is within the jurisdictional boundaries of the PCAPCD. The climate is characterized by hot, dry summers and cool, rainy winters. Most precipitation in the SVAB results from air masses moving in from the Pacific Ocean during the winter months. Storms usually move through the area from the west or northwest. Over half the total annual precipitation falls during the winter rainy season (November through February), while the average winter temperature is a moderate

49 degrees Fahrenheit (49°F). Winter weather in the SVAB typically includes periods of dense and persistent low-level fog, which is most prevalent between storms. From May to October, the region's intense heat and sunlight lead to high ozone concentrations. During the summer, daytime temperatures can exceed 100°F, while the average daytime temperatures from April through October are between 70°F and 90°F with extremely low humidity.

Prevailing winds are from the south and southwest, and as a result, air quality in the western Placer County is influenced by mobile and stationary air pollution sources located upwind in the Sacramento Metropolitan Area. The inland location and surrounding mountains to the west shelter the valley from much of the ocean breeze that keeps the coastal regions moderate in temperature. The only breach in the mountain barrier is the Carquinez Strait, which exposes the midsection of the valley to the coastal air mass. Air flow into the SVAB through the Carquinez Strait also carries pollutants from the San Francisco Bay Area.

Air quality in Placer County is also affected by inversion layers, which occur when a layer of warm air traps a layer of cold air, preventing vertical dispersion of air contaminants. The presence of an inversion layer results in higher concentrations of pollutants near ground level. Inversions occur primarily in the autumn and summer, formed by warm air subsiding in a region of high pressure with accompanying light winds that do not provide adequate dispersion of air pollutants (Environmental Science Associates, 2015).

The project site is characterized as an urban site due to development in the Granite Bay and surrounding areas.

Air quality in the project area is influenced by pollutant transport from upwind areas, such as the Sacramento and San Francisco Bay metropolitan areas, and also by local emissions sources, such as wood burning stoves and fireplaces during the winter months and vehicles using area roadways and Interstate 80.

SECTION 4

SHORT-TERM CONSTRUCTION IMPACTS

Implementation of the Huntington Senior Apartments Project would result in construction activity, which would generate air pollutant emissions. Construction activities such as grading, excavation and travel on unpaved surfaces would generate dust, and can lead to elevated concentrations of PM₁₀ and PM_{2.5}. The operation of construction equipment results in exhaust emissions. A substantial portion of the construction equipment is powered by diesel engines, which produce relatively high levels of NO_x emissions. Construction activity could also potentially entrain NOA, if present in the soil.

4.1 SIGNIFICANCE THRESHOLDS

Significance thresholds applied to construction-related emissions are from the *Placer County Air Pollution Control District Policy – Review of Land Use Projects Under CEQA* (Placer County Air Pollution Control District 2016a), and from *Placer County Air Pollution Control District Policy – California Environmental Quality Act Thresholds of Significance* (Placer County Air Pollution Control District 2016b).

4.1.1 Criteria Pollutant Emissions

To evaluate ozone and other air pollutant emissions, the PCAPCD has established significance thresholds for emissions of ozone precursors ROG and NO_x, and PM₁₀. As a CEQA lead agency, the City of Roseville uses the PCAPCD significance thresholds listed in the enclosed **Table 9** as air quality standards in the evaluation of air quality impacts associated with proposed development projects. For construction-related criteria pollutant emissions, the thresholds are:

- 82 pounds per day (ppd) of ROG,
- 82 ppd of NO_x, and
- 82 ppd of PM₁₀.

If the Proposed Project's emissions exceed the above pollutant thresholds, the project would be considered to have a potentially significant effect on air quality.

**Table 9. Placer County Air Pollution Control District
Criteria Pollutant Significance Thresholds**

Pollutant	Construction Phase Thresholds	Operational Phase Project-Level Thresholds	Operational Phase Cumulative- Level Thresholds
Reactive Organic Gases (ROG)	82	55	55
Nitrogen Oxides (NO _x)	82	55	55
Inhalable Particulate Matter (PM ₁₀)	82	82	82
Source: Placer County Air Pollution Control District 2016a. Note: All thresholds are expressed in pounds per day.			

4.1.2 Naturally Occurring Asbestos

Naturally occurring asbestos (NOA) has been identified as a toxic air contaminant (TAC) by the ARB. No quantitative significance thresholds have been set for NOA. However, the PCAPCD website (<http://placerair.org/noa/noamapsandresources>) provides a map that may be used as a screening-level indicator of the likelihood of NOA being present on the project site. The map, *Relative Likelihood for the Presence of Naturally Occurring Asbestos in Placer County* (California Department of Conservation 2008) shows the locations considered to be subject to elevated risk of containing NOA.

If a project site is located outside of areas considered to be subject to elevated risk of containing NOA, it may be considered to have a relatively lower probability of containing NOA and, in this Air Quality Study, will be considered to have a less-than-significant impact.

If a project site is located within an area considered to be subject to elevated risk of containing NOA, it may be considered to have an elevated probability of containing NOA and, in this Air Quality Study, will be considered to have a significant impact.

Implementation of mitigation measures to reduce asbestos emissions during construction activities will be considered to reduce the impact to a less-than-significant level.

4.2 METHODOLOGY

The following describes methods used to assess project-related construction impacts.

4.2.1 Ozone Precursors

Implementation of the Huntington Senior Apartments Project would contribute to increases of ROG, NO_x, and PM₁₀ emissions in the study area. As recommended in the PCAPCD document *CEQA Air Quality Handbook – Assessing and Mitigating Air Quality Impacts Under CEQA* (Placer County Air Pollution Control District 2017), short-term construction-related and long-term operational emissions associated with the project were estimated using the CalEEMod emissions modeling program (California Air Pollution Control Officers Association 2016). CalEEMod is a land use emissions computer model designed to provide a platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions from construction and operation (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use.

The CalEEMod emissions model contains default data characterizing the construction and operation of land use development projects, such as the Huntington Senior Apartments Project. The CalEEMod default values were used except where:

- project-specific data are available, and
- updated technical data are available.

Project-specific data included the export of earthen material, and equipment used to move the earthen material. Updated technical data included use of vehicle trip generation rates for senior adult housing (Institute of Transportation Engineers 2017), and rates associated with consumption of electricity (Pacific Gas and Electric Company 2015).

More detailed information on the CalEEMod model is available at the internet website <http://caleemod.com/>. Output files from the CalEEMod model, as applied to the Huntington Senior Apartments Project, are presented in the *Technical Appendix* of this Air Quality Study.

4.2.2 Naturally-Occurring Asbestos

As noted above, the map *Relative Likelihood for the Presence of Naturally Occurring Asbestos in Placer County* (California Department of Conservation 2008) is used in this Air Quality Study as a source of information on the potential for NOA to be present on the project site.

4.3 IMPACTS

The following is a description of construction-related impacts of the Huntington Senior Apartments Project.

4.3.1 Ozone Precursors

Construction of the Huntington Senior Apartments Project would result in the generation of ozone precursor emissions ROG and NO_x, and PM₁₀. **Table 10** shows the amount of emissions generated by construction of the project. Construction of each phase of the Proposed Project would not exceed the 82 ppd significance thresholds for ROG, NO_x, and PM₁₀. This impact is considered less than significant, and no mitigation measures are required.

4.3.2 Naturally Occurring Asbestos

The map, *Relative Likelihood for the Presence of Naturally Occurring Asbestos in Placer County* (California Department of Conservation 2008) shows no areas more likely to contain NOA in the vicinity of the project site. The nearest locations considered to be subject to elevated risk of containing NOA are approximately 5.6 miles to the northeast along the north fork of Folsom Lake. Because the NOA screening map shows no areas more likely to contain NOA in the vicinity of the project site, this impact is considered less than significant, and no mitigation measures are required.

Table 10. Construction-Related Criteria Pollutant Emissions

Pollutant	Project-Related Emissions	Construction Phase Significance Thresholds	Significant Impact?
Reactive Organic Gases (ROG)	74.39	82	No
Nitrogen Oxides (NO _x)	69.99	82	No
Inhalable Particulate Matter (PM ₁₀)	12.36	82	No
Sources: KD Anderson & Associates 2019, CalEEMod emissions model. Thresholds from Placer County Air Pollution Control District 2016a. Notes: All values are expressed in pounds per day. Values shown are maximums of all construction phases. Values shown are the maximum of summer and winter values.			

SECTION 5

LONG-TERM OPERATIONAL IMPACTS

This section of this Air Quality Study presents an assessment of the long-term operational impacts of the Huntington Senior Apartments Project. Operation of the Proposed Project has the potential to have an effect on air quality by generating vehicle trips, by resulting in on-site activities (e.g., use of landscaping equipment), and by locating sensitive receptors in the vicinity of air pollutant emissions sources.

5.1 SIGNIFICANCE THRESHOLDS

Significance thresholds applied to operational air quality impacts are from the *Placer County Air Pollution Control District Policy – Review of Land Use Projects Under CEQA* (Placer County Air Pollution Control District 2016a), and from the *CEQA Air Quality Handbook – Assessing and Mitigating Air Quality Impacts Under CEQA* (Placer County Air Pollution Control District 2017).

5.1.1 Criteria Pollutant Emissions – Project-Level Thresholds

Operational criteria pollutant emissions (ROG, NO_x, and PM₁₀) are considered a significant impact in this Air Quality Study if implementation of the Proposed Project would generate emissions exceeding the project-level thresholds shown in **Table 9**. These emission levels are:

- 55 ppd of ROG,
- 55 ppd of NO_x, or
- 82 ppd of PM₁₀.

The Huntington Senior Apartments Project is considered to have a significant impact in this Air Quality Study if implementation of the project would generate criteria pollutant emissions exceeding the values listed above.

5.1.2 Criteria Pollutant Emissions – Cumulative-Level Thresholds

Table 9 presents two sets of operational significance thresholds for ROG, NO_x, and PM₁₀: project-level thresholds and cumulative-level thresholds. In describing project-level thresholds, the PCAPCD *CEQA Air Quality Handbook* states,

“An EIR process may be recommended by the District to the lead agency if the project related emissions cannot be mitigated to a less than significant level and the project cannot achieve the thresholds described below.”

Conversely, in describing cumulative impact thresholds, the handbook states,

“The District does not recommend the use of this cumulative threshold to determine the need for an EIR. Rather, this threshold is used by the District to recommend mitigation measures to offset the project’s cumulative air quality impacts.”

As shown in **Table 9**, cumulative-level thresholds are:

- 55 ppd of ROG,
- 55 ppd of NO_x, or
- 82 ppd of PM₁₀.

5.1.3 Freeways and High Traffic Volume Roads

As described in the PCAPCD document *CEQA Air Quality Handbook – Assessing and Mitigating Air Quality Impacts Under CEQA* (Placer County Air Pollution Control District 2012), high traffic volume freeways and roads are considered a source of toxic air contaminant (TAC) emissions. Table 6-1 of the handbook defines high traffic volume freeways and roads as those with more than 100,000 vehicles per day in urban areas and 50,000 vehicles per day in rural areas. The Huntington Senior Apartments project site is considered to be in an urban area.

According to Table 6-1 of the handbook, the recommended minimum separation between high traffic volume freeways and roads and sensitive receptors is 500 feet. Sensitive receptors include residential dwelling units, schools, and medical facilities. In this Air Quality Study, proposed land uses with sensitive receptors proposed within 500 of high traffic volume freeways and roads are considered to have a significant impact.

5.2 METHODOLOGY

The following describes methods used to assess project-related operational impacts.

5.2.1 Criteria Pollutant Emissions

The amount of project-related criteria pollutant emissions was calculated using the CalEEMod emissions model (California Air Pollution Control Officers Association 2016). CalEEMod is a land use emissions computer model designed to provide a platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions from construction and operation (including vehicle use),

as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use.

More detailed information on the CalEEMod model is available at the internet website <http://caleemod.com/>.

Output files from the CalEEMod model are presented in the *Technical Appendix*.

5.2.2 Freeways and High Traffic Volume Roads

Traffic volumes for freeways are from the Caltrans document *2016 Traffic Volumes on California State Highways* (Caltrans 2018). Traffic volumes for roadways are from the *Final Environmental Impact Report – Amoruso Ranch Specific Plan* (City of Roseville 2016).

5.3 IMPACTS

The following is a description of operational impacts of the Huntington Senior Apartments Project.

5.3.1 Criteria Pollutant Emissions – Project-Level Thresholds

Project-level estimates of long-term operational criteria pollutant emissions are presented in **Table 11**. As shown in **Table 11**, ROG, NO_x, and PM₁₀ emissions associated with operation of the Proposed Project would be below the PCAPCD project-level significance threshold. As a result, the long-term operational project-level impact of the Proposed Project on criteria pollutant emissions is considered less than significant. No mitigation measures are required.

5.3.2 Criteria Pollutant Emissions – Cumulative-Level Thresholds

Cumulative-level estimates of long-term operational criteria pollutant emissions are presented in **Table 12**. As shown in **Table 12**, ROG, NO_x, and PM₁₀ emissions associated with operation of the Proposed Project would be below the PCAPCD cumulative-level significance threshold. As a result, the long-term operational cumulative-level impact of the Proposed Project on criteria pollutant emissions is considered less than significant. No mitigation measures are required.

Table 11. Operational Criteria Pollutant Emissions

Pollutant	Project-Related Emissions	Operational Phase Project-Level Significance Thresholds	Significant Impact?
Reactive Organic Gases (ROG)	2.77	55	No
Nitrogen Oxides (NO _x)	4.19	55	No
Inhalable Particulate Matter (PM ₁₀)	1.72	82	No
Sources: KD Anderson & Associates 2019, CalEEMod emissions model. Thresholds from Placer County Air Pollution Control District 2016a. Notes: All values are expressed in pounds per day. Values shown are the maximum of summer and winter values.			

Table 12. Operational Cumulative-Level Criteria Pollutant Emissions

Pollutant	Project-Related Emissions	Operational Phase Cumulative-Level Thresholds	Exceeds Cumulative Thresholds?
Reactive Organic Gases (ROG)	2.77	55	No
Nitrogen Oxides (NO _x)	4.01	55	No
Inhalable Particulate Matter (PM ₁₀)	1.72	82	No
Sources: KD Anderson & Associates 2019, CalEEMod emissions model. Thresholds from Placer County Air Pollution Control District 2016a. Notes: All values are expressed in pounds per day. All values shown are summer (ozone season) values.			

5.3.3 Freeways and High Traffic Volume Roads

Douglas Boulevard is an east-west arterial roadway located approximately 400 feet north of the Huntington Senior Apartments project site. Figure 4.3-4 of the *Final Environmental Impact Report – Amoruso Ranch Specific Plan* shows existing traffic volumes on the portion of Douglas Boulevard nearest to the project site are 48,000 vehicles per day. Figure 4.3-8 shows future forecasted 2035 Cumulative Plus Project Conditions traffic volumes would be 54,600 vehicles per day. While this roadway is within 500 feet of the project site, traffic volumes on this roadway are less than 100,000 vehicles per day. As a result, this impact is considered less-than-significant. No mitigation measures are required.

Interstate 80 is a southwest-northeast freeway located approximately 4,000 feet northwest of the Huntington Senior Apartments project site. The Caltrans document *2016 Traffic Volumes on California State Highways* shows traffic volumes on I-80 at the Douglas Boulevard interchange being 190,200 vehicles per day. While the traffic volume on I-80 is greater than 100,000 vehicles per day, this roadway is located more than 500 feet from the project site. As a result, this impact is considered less-than-significant. No mitigation measures are required.

SECTION 6

LOCAL CARBON MONOXIDE IMPACT ANALYSIS

The potential impact of the Huntington Senior Apartments Project on local CO levels was assessed by applying screening procedures described in the PCAPCD *CEQA Air Quality Handbook—Assessing and Mitigating Air Quality Impacts Under CEQA* (Placer County Air Pollution Control District 2017) and then, if indicated by the screening procedures, conducting detailed microscale air quality dispersion modeling.

6.1 SIGNIFICANCE THRESHOLDS

The screening procedure applied in this Air Quality Study focuses on the effects of the Proposed Project on traffic operations. Since elevated CO concentrations are associated with traffic congestion, a project is considered to have no potential for significant impacts on CO concentrations if it does not substantially contribute to excessive traffic congestion.

The PCAPCD *CEQA Air Quality Handbook—Assessing and Mitigating Air Quality Impacts Under CEQA* presents a screening method for assessing the potential for violations of the CO air quality standards. The handbook states,

“When a project’s CO emissions from vehicle operation are more than 550 lbs/day **and** if either of the following scenarios is true for any intersection affected by the project traffic, the project should conduct a site-specific CO dispersion modeling analysis to evaluate the potential local CO emission impact at roadway intersections:

- “A traffic study for the project indicates that the peak-hour LOS on one or more streets or at one or more intersections (both signalized and non-signalized) in the project vicinity will be degraded from an acceptable LOS (e.g., A, B, C, or D) to an unacceptable LOS (e.g., E or F); or
- “A traffic study indicates that the project will substantially worsen an already existing unacceptable peak-hour LOS on one or more streets or at one or more intersections in the project vicinity. ‘Substantially worsen’ includes situations where a delay would increase by 10 seconds or more when project-generated traffic is included.

“If a project is identified to have potential CO impacts, for any intersection affected by the project which already has traffic mitigation incorporated, the District would recommend the applicant/consultant conduct a CO dispersion modeling analysis using the CALINE-4 dispersion model to identify potential CO concentrations at the impacted street(s) or intersection(s).”

In this Air Quality Study, if a project does not meet the PCPAPCD screening thresholds for CO emissions the project will be considered to have a less than significant impact on CO emissions.

6.2 METHODOLOGY

Implementation of the Huntington Senior Apartments Project would generate CO emissions in the study area. Long-term operational emissions associated with the project were estimated using the CalEEMod emissions modeling program (California Air Pollution Control Officers Association 2016). CalEEMod is a land use emissions computer model designed to provide a platform for government agencies, land use planners, and environmental professionals to quantify potential emissions associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions (including vehicle use), as well as indirect emissions from sources such as energy use, dispersed area sources, solid waste disposal, and water use.

More detailed information on the CalEEMod model is available at the internet website <http://caleemod.com/>. Output files from the CalEEMod model, as applied to the Huntington Senior Apartments Project, are presented in the Technical Appendix of this Air Quality Study.

6.3 IMPACTS

The following is a description of local CO impacts of the Huntington Senior Apartments Project.

Long-term operation of the Huntington Senior Apartments Project would result in the generation of CO emissions. Operation of the Proposed Project would generate 13.27 ppd of CO. The generation of CO emissions by the Proposed Project would be less than the PCAPCD 550 ppd screening threshold. Therefore, this impact is considered less than significant, and no mitigation measures are required.

SECTION 7

GLOBAL CLIMATE CHANGE AND GREENHOUSE GASES

This section of this Air Quality Study describes the effects of the Huntington Senior Apartments Project on global climate change and GHG emissions. The Proposed Project would generate GHG emissions associated with both short-term construction activity and long-term operation.

7.1 SIGNIFICANCE THRESHOLDS

To evaluate the impacts of projects on global climate change, the PCAPCD has established significance thresholds for GHG emissions. Significance thresholds used in this Air Quality Study are from the PCAPCD document *Placer County Air Pollution Control District Policy – Review of Land Use Projects Under CEQA* (Placer County Air Pollution Control District 2016a). The PCAPCD GHG emissions thresholds are shown in **Table 13**. The thresholds shown in **Table 13** are expressed in metric tons of CO₂ equivalent units of measure (MT CO₂e), based on the global warming potential of the individual pollutants.

The PCAPCD document *Placer County Air Pollution Control District Policy – California Environmental Quality Act Thresholds of Significance* (Placer County Air Pollution Control District 2016b) notes the following in describing how each of the thresholds in **Table 13** should be applied.

1. “Bright - line Threshold of 10,000 metric tons of CO₂e per year for the construction and operational phases of land use projects as well as the stationary source projects
2. “Efficiency Matrix for the operational phase of land use development projects when emissions exceed the De Minimis Level, and
3. “De Minimis Level for the operational phases of 1,100 metric tons of CO₂e per year.”

Table 13.
Placer County Air Pollution Control District
Greenhouse Gas Significance Thresholds

Greenhouse Gas Thresholds			
Bright-line Threshold 10,000 MT CO ₂ e/yr			
Efficiency Matrix			
Residential		Non-residential	
Urban	Rural	Urban	Rural
(MT CO ₂ e/capita)		(MT CO ₂ e/1,000sf)	
4.5	5.5	26.5	27.3
De Minimis Level 1,100 MT CO ₂ e/yr			

Source: Placer County Air Pollution Control District 2016a.

The *Placer County Air Pollution Control District Policy – California Environmental Quality Act Thresholds of Significance* notes the following in describing how each of the thresholds should be used in determining the significance of GHG emissions:

- “GHG emissions from projects that exceed 10,000 MT CO₂e/yr would be deemed to have a cumulatively considerable contribution to global climate change.”
- “The De Minimis Level for the operational phases of 1,100 MT CO₂e/yr represents an emissions level which can be considered as less than cumulatively considerable and be excluded from the further GHG impact analysis.”
- “Projects with GHG emissions which exceed the De Minimis Level of 1,100 MT CO₂e/yr, but less than 10,000 MT CO₂e/yr can still be found less than cumulatively considerable when the result of project related efficiency analysis would meet one of conditions in the efficiency matrix for the applicable land use setting and land use type provided.”

If Project-related GHG emissions exceed the thresholds listed above, the Proposed Project is considered to have a significant impact on GHG emissions, and measures to reduce or offset the GHG emissions should be considered. Measures that reduce the amount of GHG emissions to less than the thresholds are considered to reduce the impact to less than significant levels.

7.2 METHODOLOGY

Implementation of the Huntington Senior Apartments Project would generate GHG emissions in the study area. Both short-term construction-related emissions and long-term operational emissions associated with the project were estimated using the CalEEMod emissions modeling program (California Air Pollution Control Officers Association 2016). CalEEMod is a land use emissions computer model designed to provide a platform for government agencies, land use planners, and environmental professionals to quantify potential emissions associated with both construction and operation of a variety of land use projects. The model quantifies direct emissions (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use.

More detailed information on the CalEEMod model is available at the internet website <http://caleemod.com/>. Output files from the CalEEMod model, as applied to the Huntington Senior Apartments Project, are presented in the *Technical Appendix* of this Air Quality Study.

7.3 IMPACTS

Table 14 presents construction-related and operational GHG emissions associated with the Huntington Senior Apartments Project. The following describes the impact of the Proposed Project on global climate change and GHG emissions.

7.3.1 Construction-Related Emissions. Construction of the Huntington Senior Apartments Project would result in the generation of GHG emissions. As shown in **Table 14**, construction of the Proposed Project would generate 458.08 MT of CO₂e in 2019 and 348.11 MT of CO₂e in 2020. GHG emissions generated by construction of the Proposed Project would be less than the Bright - line Threshold of 10,000 MT CO₂e per year adopted by the PCAPCD. Therefore, this impact is considered less than significant, and no mitigation measures are required.

7.3.2 Operational Emissions. Long-term operation of the Huntington Senior Apartments Project would result in the generation of GHG emissions. As shown in **Table 14**, operation of the Proposed Project is estimated to generate 498.66 MT CO₂e per year. The generation of GHG emissions by Proposed Project would be less than the 1,100 MT CO₂e per year De Minimis Level significance threshold adopted by the PCAPCD. Therefore, this impact is considered less than significant, and no mitigation measures are required.

Table 14. Greenhouse Gas Emissions

Emissions Category	Carbon Dioxide (CO₂)	Methane (CH₄)	Nitrous Oxide (N₂O)	Carbon Dioxide Equivalent (CO₂e)
<u>Construction-Related Emissions</u>				
2019 Construction Emissions	456.52	0.06	0.00	458.08
2020 Construction Emissions	346.30	0.07	0.00	348.11
<u>Operational Emissions</u>				
Area Source	0.92	0.00	0.00	0.95
Energy	100.50	0.01	0.00	101.21
Mobile Source	366.52	0.02	0.00	366.89
Waste	7.10	0.42	0.00	17.58
Water	6.82	0.16	0.00	12.04
	_____	_____	_____	_____
Total Operational Emissions	481.85	0.60	0.01	498.66
Source: Emissions values are from the CalEEMod Emissions Model (http://www.caleemod.com) Notes: All values are in metric tons per year (MT/yr). Total may not equal sum of components due to rounding.				

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Roseville, City of. 2016. Final Environmental Impact Report – Amoruso Ranch Specific Plan. Roseville, CA.

Personal Communications

Shields, Kyrsten. Principal. Foothill Associates. March 2, 2018 and January 30, 2019 E-mail messages to Wayne Shijo, KD Anderson & Associates.

TECHNICAL APPENDIX (Separate Electronic File)

TECHNICAL APPENDIX

CalEEMod Model Output Files

The following CalEEMod emissions model output files are presented below:

CalEEMod Model Output File
Annual Period

CalEEMod Model Output File
Daily Summer Period

CalEEMod Model Output File
Daily Winter Period

CalEEMod Model Output File
Annual Period

Huntington Senior Apartments - Placer-Sacramento County, Annual

Huntington Senior Apartments

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	37.85	1000sqft	0.87	37,850.00	0
Retirement Community	76.00	Dwelling Unit	15.20	76,000.00	217

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MW hr)	307	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Huntington Senior Apartments - Placer-Sacramento County, Annual

Project Characteristics - PG&E supplied CO2 intensity factor for 2019 307 lb/MWh (per 2015)

Land Use - E-mail message per Foothill Associates 19 Feb 2018

Construction Phase - Projected schedule 12 months. Adjusted default schedule by 2/3

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule (8.8 hr/day). City-required notation of specialized equipment 966C Caterpillar front-end loader 170 HP

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule extended for soil export (2.9 hr/day)

Trips and VMT - Hauling trips incl soil export. Trip length extended per 1/30/19 E-mail message from Foothill Associates. 24 CY per truck per 2/19/18 E-mail message from Foothill Associates.

Grading - Per Foothill Associates E-mail message 2 March 2018

Architectural Coating -

Vehicle Trips - ITE Trip Generation Manual 10th Edition rates used (weekday = 3.7, Saturday = 3.23, Sunday = 3.14)

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - No fireplaces in project

Area Coating -

Energy Use -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	28.00
tblConstructionPhase	NumDays	30.00	27.00
tblConstructionPhase	NumDays	300.00	200.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	20.00	13.00

Huntington Senior Apartments - Placer-Sacramento County, Annual

tblConstructionPhase	PhaseEndDate	8/14/2019	9/9/2019
tblConstructionPhase	PhaseEndDate	9/25/2019	10/16/2019
tblConstructionPhase	PhaseEndDate	11/18/2020	7/22/2020
tblConstructionPhase	PhaseEndDate	12/16/2020	8/10/2020
tblConstructionPhase	PhaseEndDate	1/13/2021	8/27/2020
tblConstructionPhase	PhaseStartDate	8/15/2019	9/10/2019
tblConstructionPhase	PhaseStartDate	9/26/2019	10/17/2019
tblConstructionPhase	PhaseStartDate	11/19/2020	7/23/2020
tblConstructionPhase	PhaseStartDate	12/17/2020	8/11/2020
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	41.80	0.00
tblFireplaces	NumberNoFireplace	7.60	76.00
tblFireplaces	NumberWood	26.60	0.00
tblGrading	AcresOfGrading	74.25	75.00
tblGrading	MaterialExported	0.00	30,672.00
tblOffRoadEquipment	HorsePower	97.00	170.00
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00

Huntington Senior Apartments - Placer-Sacramento County, Annual

tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	6.00	9.00
tblProjectCharacteristics	CO2IntensityFactor	793.8	307
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	3,834.00	2,556.00
tblVehicleTrips	ST_TR	2.03	3.23
tblVehicleTrips	SU_TR	1.95	3.14
tblVehicleTrips	WD_TR	2.40	3.70
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.2265	2.7367	1.5605	4.9700e-003	0.2980	0.1052	0.4031	0.1247	0.0980	0.2227	0.0000	456.5168	456.5168	0.0627	0.0000	458.0843
2020	0.7570	2.4424	2.2099	3.9700e-003	0.0489	0.1344	0.1832	0.0132	0.1262	0.1394	0.0000	346.2956	346.2956	0.0726	0.0000	348.1110
Maximum	0.7570	2.7367	2.2099	4.9700e-003	0.2980	0.1344	0.4031	0.1247	0.1262	0.2227	0.0000	456.5168	456.5168	0.0726	0.0000	458.0843

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.2265	2.7367	1.5605	4.9700e-003	0.2980	0.1052	0.4031	0.1247	0.0980	0.2227	0.0000	456.5166	456.5166	0.0627	0.0000	458.0840
2020	0.7570	2.4424	2.2099	3.9700e-003	0.0489	0.1344	0.1832	0.0132	0.1262	0.1394	0.0000	346.2952	346.2952	0.0726	0.0000	348.1106
Maximum	0.7570	2.7367	2.2099	4.9700e-003	0.2980	0.1344	0.4031	0.1247	0.1262	0.2227	0.0000	456.5166	456.5166	0.0726	0.0000	458.0840

[illegible]

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-1-2019	10-31-2019	2.1048	2.1048
2	11-1-2019	1-31-2020	1.2236	1.2236
3	2-1-2020	4-30-2020	1.1221	1.1221
4	5-1-2020	7-31-2020	1.1090	1.1090
5	8-1-2020	9-30-2020	0.5507	0.5507
		Highest	2.1048	2.1048

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450
Energy	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	100.4951	100.4951	5.8000e-003	1.9000e-003	101.2076
Mobile	0.0954	0.6698	1.1210	3.9900e-003	0.2875	4.3900e-003	0.2919	0.0773	4.1400e-003	0.0815	0.0000	366.5164	366.5164	0.0150	0.0000	366.8924
Waste						0.0000	0.0000		0.0000	0.0000	7.0966	0.0000	7.0966	0.4194	0.0000	17.5814
Water						0.0000	0.0000		0.0000	0.0000	1.5710	5.2526	6.8235	0.1619	3.9100e-003	12.0357
Total	0.4650	0.7187	1.7056	4.2900e-003	0.2875	0.0109	0.2984	0.0773	0.0107	0.0880	8.6675	473.1865	481.8540	0.6030	5.8100e-003	498.6621

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2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450
Energy	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	100.4951	100.4951	5.8000e-003	1.9000e-003	101.2076
Mobile	0.0954	0.6698	1.1210	3.9900e-003	0.2875	4.3900e-003	0.2919	0.0773	4.1400e-003	0.0815	0.0000	366.5164	366.5164	0.0150	0.0000	366.8924
Waste						0.0000	0.0000		0.0000	0.0000	7.0966	0.0000	7.0966	0.4194	0.0000	17.5814
Water						0.0000	0.0000		0.0000	0.0000	1.5710	5.2526	6.8235	0.1619	3.9100e-003	12.0357
Total	0.4650	0.7187	1.7056	4.2900e-003	0.2875	0.0109	0.2984	0.0773	0.0107	0.0880	8.6675	473.1865	481.8540	0.6030	5.8100e-003	498.6621

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	8/1/2019	9/9/2019	5	28	
2	Grading	Grading	9/10/2019	10/16/2019	5	27	
3	Building Construction	Building Construction	10/17/2019	7/22/2020	5	200	
4	Paving	Paving	7/23/2020	8/10/2020	5	13	
5	Architectural Coating	Architectural Coating	8/11/2020	8/27/2020	5	13	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0.87

Residential Indoor: 153,900; Residential Outdoor: 51,300; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,271 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	2.90	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	2.90	97	0.37
Grading	Excavators	2	8.80	158	0.38
Grading	Graders	1	8.80	187	0.41
Grading	Rubber Tired Dozers	1	8.80	247	0.40
Grading	Scrapers	2	8.80	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.80	170	0.37
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	3	12.00	89	0.20
Building Construction	Generator Sets	1	12.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Building Construction	Welders	1	12.00	46	0.45
Paving	Pavers	2	12.00	130	0.42
Paving	Paving Equipment	2	12.00	132	0.36
Paving	Rollers	2	12.00	80	0.38
Architectural Coating	Air Compressors	1	9.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	2,556.00	10.80	7.30	50.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	71.00	14.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	14.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction**3.2 Site Preparation - 2019****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0934	0.0000	0.0934	0.0507	0.0000	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0220	0.2313	0.1120	1.9000e-004		0.0121	0.0121		0.0112	0.0112	0.0000	17.3406	17.3406	5.4900e-003	0.0000	17.4778
Total	0.0220	0.2313	0.1120	1.9000e-004	0.0934	0.0121	0.1056	0.0507	0.0112	0.0618	0.0000	17.3406	17.3406	5.4900e-003	0.0000	17.4778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0236	0.7424	0.1270	2.3700e-003	0.0537	3.8000e-003	0.0575	0.0148	3.6400e-003	0.0184	0.0000	225.3632	225.3632	4.2000e-003	0.0000	225.4682
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.9000e-004	7.3000e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.7644	1.7644	5.0000e-005	0.0000	1.7657
Total	0.0245	0.7431	0.1343	2.3900e-003	0.0557	3.8100e-003	0.0595	0.0153	3.6500e-003	0.0190	0.0000	227.1276	227.1276	4.2500e-003	0.0000	227.2338

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3.2 Site Preparation - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0934	0.0000	0.0934	0.0507	0.0000	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0220	0.2313	0.1120	1.9000e-004		0.0121	0.0121		0.0112	0.0112	0.0000	17.3406	17.3406	5.4900e-003	0.0000	17.4778
Total	0.0220	0.2313	0.1120	1.9000e-004	0.0934	0.0121	0.1056	0.0507	0.0112	0.0618	0.0000	17.3406	17.3406	5.4900e-003	0.0000	17.4778

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0236	0.7424	0.1270	2.3700e-003	0.0537	3.8000e-003	0.0575	0.0148	3.6400e-003	0.0184	0.0000	225.3632	225.3632	4.2000e-003	0.0000	225.4682
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.9000e-004	7.3000e-003	2.0000e-005	1.9800e-003	1.0000e-005	1.9900e-003	5.3000e-004	1.0000e-005	5.4000e-004	0.0000	1.7644	1.7644	5.0000e-005	0.0000	1.7657
Total	0.0245	0.7431	0.1343	2.3900e-003	0.0557	3.8100e-003	0.0595	0.0153	3.6500e-003	0.0190	0.0000	227.1276	227.1276	4.2500e-003	0.0000	227.2338

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3.3 Grading - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1292	0.0000	0.1292	0.0535	0.0000	0.0535	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0724	0.8319	0.5301	9.9000e-004		0.0354	0.0354		0.0325	0.0325	0.0000	88.7152	88.7152	0.0281	0.0000	89.4169
Total	0.0724	0.8319	0.5301	9.9000e-004	0.1292	0.0354	0.1646	0.0535	0.0325	0.0860	0.0000	88.7152	88.7152	0.0281	0.0000	89.4169

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.4000e-004	7.8200e-003	2.0000e-005	2.1200e-003	1.0000e-005	2.1300e-003	5.6000e-004	1.0000e-005	5.8000e-004	0.0000	1.8905	1.8905	5.0000e-005	0.0000	1.8918
Total	1.0200e-003	7.4000e-004	7.8200e-003	2.0000e-005	2.1200e-003	1.0000e-005	2.1300e-003	5.6000e-004	1.0000e-005	5.8000e-004	0.0000	1.8905	1.8905	5.0000e-005	0.0000	1.8918

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3.3 Grading - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1292	0.0000	0.1292	0.0535	0.0000	0.0535	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0724	0.8319	0.5301	9.9000e-004		0.0354	0.0354		0.0325	0.0325	0.0000	88.7151	88.7151	0.0281	0.0000	89.4168
Total	0.0724	0.8319	0.5301	9.9000e-004	0.1292	0.0354	0.1646	0.0535	0.0325	0.0860	0.0000	88.7151	88.7151	0.0281	0.0000	89.4168

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	7.4000e-004	7.8200e-003	2.0000e-005	2.1200e-003	1.0000e-005	2.1300e-003	5.6000e-004	1.0000e-005	5.8000e-004	0.0000	1.8905	1.8905	5.0000e-005	0.0000	1.8918
Total	1.0200e-003	7.4000e-004	7.8200e-003	2.0000e-005	2.1200e-003	1.0000e-005	2.1300e-003	5.6000e-004	1.0000e-005	5.8000e-004	0.0000	1.8905	1.8905	5.0000e-005	0.0000	1.8918

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3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0977	0.8757	0.7107	1.1200e-003		0.0535	0.0535		0.0502	0.0502	0.0000	97.5041	97.5041	0.0239	0.0000	98.1021
Total	0.0977	0.8757	0.7107	1.1200e-003		0.0535	0.0535		0.0502	0.0502	0.0000	97.5041	97.5041	0.0239	0.0000	98.1021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0487	0.0101	1.1000e-004	2.4700e-003	2.9000e-004	2.7600e-003	7.1000e-004	2.8000e-004	1.0000e-003	0.0000	10.5166	10.5166	5.5000e-004	0.0000	10.5304
Worker	7.2500e-003	5.2500e-003	0.0556	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.4223	13.4223	3.7000e-004	0.0000	13.4315
Total	8.9200e-003	0.0540	0.0656	2.6000e-004	0.0175	3.9000e-004	0.0179	4.7200e-003	3.7000e-004	5.1000e-003	0.0000	23.9389	23.9389	9.2000e-004	0.0000	23.9620

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3.4 Building Construction - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0977	0.8757	0.7107	1.1200e-003		0.0535	0.0535		0.0502	0.0502	0.0000	97.5040	97.5040	0.0239	0.0000	98.1019
Total	0.0977	0.8757	0.7107	1.1200e-003		0.0535	0.0535		0.0502	0.0502	0.0000	97.5040	97.5040	0.0239	0.0000	98.1019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0487	0.0101	1.1000e-004	2.4700e-003	2.9000e-004	2.7600e-003	7.1000e-004	2.8000e-004	1.0000e-003	0.0000	10.5166	10.5166	5.5000e-004	0.0000	10.5304
Worker	7.2500e-003	5.2500e-003	0.0556	1.5000e-004	0.0151	1.0000e-004	0.0152	4.0100e-003	9.0000e-005	4.1000e-003	0.0000	13.4223	13.4223	3.7000e-004	0.0000	13.4315
Total	8.9200e-003	0.0540	0.0656	2.6000e-004	0.0175	3.9000e-004	0.0179	4.7200e-003	3.7000e-004	5.1000e-003	0.0000	23.9389	23.9389	9.2000e-004	0.0000	23.9620

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3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2371	2.1543	1.8858	3.0200e-003		0.1252	0.1252		0.1176	0.1176	0.0000	259.6605	259.6605	0.0638	0.0000	261.2562
Total	0.2371	2.1543	1.8858	3.0200e-003		0.1252	0.1252		0.1176	0.1176	0.0000	259.6605	259.6605	0.0638	0.0000	261.2562

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7600e-003	0.1216	0.0240	3.0000e-004	6.6700e-003	5.3000e-004	7.2000e-003	1.9300e-003	5.1000e-004	2.4400e-003	0.0000	28.2107	28.2107	1.3800e-003	0.0000	28.2453
Worker	0.0180	0.0126	0.1345	3.9000e-004	0.0407	2.7000e-004	0.0410	0.0108	2.5000e-004	0.0111	0.0000	35.1298	35.1298	8.7000e-004	0.0000	35.1515
Total	0.0217	0.1341	0.1585	6.9000e-004	0.0474	8.0000e-004	0.0482	0.0128	7.6000e-004	0.0135	0.0000	63.3406	63.3406	2.2500e-003	0.0000	63.3967

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3.4 Building Construction - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2371	2.1543	1.8858	3.0200e-003		0.1252	0.1252		0.1176	0.1176	0.0000	259.6601	259.6601	0.0638	0.0000	261.2559
Total	0.2371	2.1543	1.8858	3.0200e-003		0.1252	0.1252		0.1176	0.1176	0.0000	259.6601	259.6601	0.0638	0.0000	261.2559

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7600e-003	0.1216	0.0240	3.0000e-004	6.6700e-003	5.3000e-004	7.2000e-003	1.9300e-003	5.1000e-004	2.4400e-003	0.0000	28.2107	28.2107	1.3800e-003	0.0000	28.2453
Worker	0.0180	0.0126	0.1345	3.9000e-004	0.0407	2.7000e-004	0.0410	0.0108	2.5000e-004	0.0111	0.0000	35.1298	35.1298	8.7000e-004	0.0000	35.1515
Total	0.0217	0.1341	0.1585	6.9000e-004	0.0474	8.0000e-004	0.0482	0.0128	7.6000e-004	0.0135	0.0000	63.3406	63.3406	2.2500e-003	0.0000	63.3967

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3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0132	0.1371	0.1429	2.2000e-004		7.3400e-003	7.3400e-003		6.7500e-003	6.7500e-003	0.0000	19.5275	19.5275	6.3200e-003	0.0000	19.6854
Paving	1.1400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0144	0.1371	0.1429	2.2000e-004		7.3400e-003	7.3400e-003		6.7500e-003	6.7500e-003	0.0000	19.5275	19.5275	6.3200e-003	0.0000	19.6854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.5300e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.6608	0.6608	2.0000e-005	0.0000	0.6613
Total	3.4000e-004	2.4000e-004	2.5300e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.6608	0.6608	2.0000e-005	0.0000	0.6613

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3.5 Paving - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0132	0.1371	0.1429	2.2000e-004		7.3400e-003	7.3400e-003		6.7500e-003	6.7500e-003	0.0000	19.5275	19.5275	6.3200e-003	0.0000	19.6854
Paving	1.1400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0144	0.1371	0.1429	2.2000e-004		7.3400e-003	7.3400e-003		6.7500e-003	6.7500e-003	0.0000	19.5275	19.5275	6.3200e-003	0.0000	19.6854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.4000e-004	2.5300e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.6608	0.6608	2.0000e-005	0.0000	0.6613
Total	3.4000e-004	2.4000e-004	2.5300e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.6608	0.6608	2.0000e-005	0.0000	0.6613

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3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4808					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3600e-003	0.0164	0.0179	3.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	2.4894	2.4894	1.9000e-004	0.0000	2.4942
Total	0.4832	0.0164	0.0179	3.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	2.4894	2.4894	1.9000e-004	0.0000	2.4942

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.2000e-004	2.3600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6168	0.6168	2.0000e-005	0.0000	0.6172
Total	3.2000e-004	2.2000e-004	2.3600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6168	0.6168	2.0000e-005	0.0000	0.6172

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3.6 Architectural Coating - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4808					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3600e-003	0.0164	0.0179	3.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	2.4894	2.4894	1.9000e-004	0.0000	2.4942
Total	0.4832	0.0164	0.0179	3.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	2.4894	2.4894	1.9000e-004	0.0000	2.4942

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.2000e-004	2.3600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6168	0.6168	2.0000e-005	0.0000	0.6172
Total	3.2000e-004	2.2000e-004	2.3600e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6168	0.6168	2.0000e-005	0.0000	0.6172

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0954	0.6698	1.1210	3.9900e-003	0.2875	4.3900e-003	0.2919	0.0773	4.1400e-003	0.0815	0.0000	366.5164	366.5164	0.0150	0.0000	366.8924
Unmitigated	0.0954	0.6698	1.1210	3.9900e-003	0.2875	4.3900e-003	0.2919	0.0773	4.1400e-003	0.0815	0.0000	366.5164	366.5164	0.0150	0.0000	366.8924

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Retirement Community	281.20	245.48	238.64	773,476	773,476
Total	281.20	245.48	238.64	773,476	773,476

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Retirement Community	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333
Retirement Community	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.4269	51.4269	4.8600e-003	1.0100e-003	51.8479
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.4269	51.4269	4.8600e-003	1.0100e-003	51.8479
NaturalGas Mitigated	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598
NaturalGas Unmitigated	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598

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5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	919503	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598
Total		4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	919503	4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598
Total		4.9600e-003	0.0424	0.0180	2.7000e-004		3.4300e-003	3.4300e-003		3.4300e-003	3.4300e-003	0.0000	49.0682	49.0682	9.4000e-004	9.0000e-004	49.3598

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5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	13247.5	1.8448	1.7000e-004	4.0000e-005	1.8599
Retirement Community	356058	49.5822	4.6800e-003	9.7000e-004	49.9880
Total		51.4269	4.8500e-003	1.0100e-003	51.8479

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	13247.5	1.8448	1.7000e-004	4.0000e-005	1.8599
Retirement Community	356058	49.5822	4.6800e-003	9.7000e-004	49.9880
Total		51.4269	4.8500e-003	1.0100e-003	51.8479

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450
Unmitigated	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0481					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2993					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0173	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450
Total	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450

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6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0481					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2993					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0173	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450
Total	0.3646	6.5500e-003	0.5665	3.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	0.9225	0.9225	9.0000e-004	0.0000	0.9450

7.0 Water Detail**7.1 Mitigation Measures Water**

Huntington Senior Apartments - Placer-Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.8235	0.1619	3.9100e-003	12.0357
Unmitigated	6.8235	0.1619	3.9100e-003	12.0357

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Retirement Community	4.95171 / 3.12173	6.8235	0.1619	3.9100e-003	12.0357
Total		6.8235	0.1619	3.9100e-003	12.0357

Huntington Senior Apartments - Placer-Sacramento County, Annual

7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Retirement Community	4.95171 / 3.12173	6.8235	0.1619	3.9100e-003	12.0357
Total		6.8235	0.1619	3.9100e-003	12.0357

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.0966	0.4194	0.0000	17.5814
Unmitigated	7.0966	0.4194	0.0000	17.5814

Huntington Senior Apartments - Placer-Sacramento County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Retirement Community	34.96	7.0966	0.4194	0.0000	17.5814
Total		7.0966	0.4194	0.0000	17.5814

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Retirement Community	34.96	7.0966	0.4194	0.0000	17.5814
Total		7.0966	0.4194	0.0000	17.5814

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Huntington Senior Apartments - Placer-Sacramento County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

CalEEMod Model Output File
Daily Summer Period

Huntington Senior Apartments - Placer-Sacramento County, Summer

Huntington Senior Apartments

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	37.85	1000sqft	0.87	37,850.00	0
Retirement Community	76.00	Dwelling Unit	15.20	76,000.00	217

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MW hr)	307	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Huntington Senior Apartments - Placer-Sacramento County, Summer

Project Characteristics - PG&E supplied CO2 intensity factor for 2019 307 lb/MWh (per 2015)

Land Use - E-mail message per Foothill Associates 19 Feb 2018

Construction Phase - Projected schedule 12 months. Adjusted default schedule by 2/3

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule (8.8 hr/day). City-required notation of specialized equipment 966C Caterpillar front-end loader 170 HP

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule extended for soil export (2.9 hr/day)

Trips and VMT - Hauling trips incl soil export. Trip length extended per 1/30/19 E-mail message from Foothill Associates. 24 CY per truck per 2/19/18 E-mail message from Foothill Associates.

Grading - Per Foothill Associates E-mail message 2 March 2018

Architectural Coating -

Vehicle Trips - ITE Trip Generation Manual 10th Edition rates used (weekday = 3.7, Saturday = 3.23, Sunday = 3.14)

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - No fireplaces in project

Area Coating -

Energy Use -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	28.00
tblConstructionPhase	NumDays	30.00	27.00
tblConstructionPhase	NumDays	300.00	200.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	20.00	13.00

Huntington Senior Apartments - Placer-Sacramento County, Summer

tblConstructionPhase	PhaseEndDate	8/14/2019	9/9/2019
tblConstructionPhase	PhaseEndDate	9/25/2019	10/16/2019
tblConstructionPhase	PhaseEndDate	11/18/2020	7/22/2020
tblConstructionPhase	PhaseEndDate	12/16/2020	8/10/2020
tblConstructionPhase	PhaseEndDate	1/13/2021	8/27/2020
tblConstructionPhase	PhaseStartDate	8/15/2019	9/10/2019
tblConstructionPhase	PhaseStartDate	9/26/2019	10/17/2019
tblConstructionPhase	PhaseStartDate	11/19/2020	7/23/2020
tblConstructionPhase	PhaseStartDate	12/17/2020	8/11/2020
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	41.80	0.00
tblFireplaces	NumberNoFireplace	7.60	76.00
tblFireplaces	NumberWood	26.60	0.00
tblGrading	AcresOfGrading	74.25	75.00
tblGrading	MaterialExported	0.00	30,672.00
tblOffRoadEquipment	HorsePower	97.00	170.00
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00

Huntington Senior Apartments - Placer-Sacramento County, Summer

tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	6.00	9.00
tblProjectCharacteristics	CO2IntensityFactor	793.8	307
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	3,834.00	2,556.00
tblVehicleTrips	ST_TR	2.03	3.23
tblVehicleTrips	SU_TR	1.95	3.14
tblVehicleTrips	WD_TR	2.40	3.70
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Huntington Senior Apartments - Placer-Sacramento County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	5.4455	67.5244	39.9189	0.1854	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,338.9004	19,338.9004	2.2965	0.0000	19,357.7188
2020	74.3890	31.3027	28.2146	0.0513	0.6781	1.7253	2.4034	0.1820	1.6215	1.8036	0.0000	4,934.2379	4,934.2379	1.0741	0.0000	4,959.1826
Maximum	74.3890	67.5244	39.9189	0.1854	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,338.9004	19,338.9004	2.2965	0.0000	19,357.7188

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	5.4455	67.5244	39.9189	0.1854	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,338.9004	19,338.9004	2.2965	0.0000	19,357.7188
2020	74.3890	31.3027	28.2146	0.0513	0.6781	1.7253	2.4034	0.1820	1.6215	1.8036	0.0000	4,934.2379	4,934.2379	1.0741	0.0000	4,959.1826
Maximum	74.3890	67.5244	39.9189	0.1854	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,338.9004	19,338.9004	2.2965	0.0000	19,357.7188

[illegible]

Huntington Senior Apartments - Placer-Sacramento County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Energy	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Mobile	0.6500	3.7065	6.8772	0.0243	1.7193	0.0250	1.7443	0.4608	0.0236	0.4843		2,463.4684	2,463.4684	0.0950		2,465.8430
Total	2.7723	4.0115	13.2709	0.0262	1.7193	0.0784	1.7977	0.4608	0.0770	0.5377	0.0000	2,771.1414	2,771.1414	0.1117	5.4300e-003	2,775.5530

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Energy	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Mobile	0.6500	3.7065	6.8772	0.0243	1.7193	0.0250	1.7443	0.4608	0.0236	0.4843		2,463.4684	2,463.4684	0.0950		2,465.8430
Total	2.7723	4.0115	13.2709	0.0262	1.7193	0.0784	1.7977	0.4608	0.0770	0.5377	0.0000	2,771.1414	2,771.1414	0.1117	5.4300e-003	2,775.5530

Huntington Senior Apartments - Placer-Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	8/1/2019	9/9/2019	5	28	
2	Grading	Grading	9/10/2019	10/16/2019	5	27	
3	Building Construction	Building Construction	10/17/2019	7/22/2020	5	200	
4	Paving	Paving	7/23/2020	8/10/2020	5	13	
5	Architectural Coating	Architectural Coating	8/11/2020	8/27/2020	5	13	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0.87

Residential Indoor: 153,900; Residential Outdoor: 51,300; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,271 (Architectural Coating – sqft)

OffRoad Equipment

Huntington Senior Apartments - Placer-Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	2.90	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	2.90	97	0.37
Grading	Excavators	2	8.80	158	0.38
Grading	Graders	1	8.80	187	0.41
Grading	Rubber Tired Dozers	1	8.80	247	0.40
Grading	Scrapers	2	8.80	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.80	170	0.37
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	3	12.00	89	0.20
Building Construction	Generator Sets	1	12.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Building Construction	Welders	1	12.00	46	0.45
Paving	Pavers	2	12.00	130	0.42
Paving	Paving Equipment	2	12.00	132	0.36
Paving	Rollers	2	12.00	80	0.38
Architectural Coating	Air Compressors	1	9.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	2,556.00	10.80	7.30	50.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	71.00	14.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	14.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.1 Mitigation Measures Construction**3.2 Site Preparation - 2019****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6729	0.0000	6.6729	3.6186	0.0000	3.6186			0.0000			0.0000
Off-Road	1.5714	16.5201	7.9978	0.0138		0.8665	0.8665		0.7972	0.7972		1,365.339 2	1,365.339 2	0.4320		1,376.138 6
Total	1.5714	16.5201	7.9978	0.0138	6.6729	0.8665	7.5394	3.6186	0.7972	4.4158		1,365.339 2	1,365.339 2	0.4320		1,376.138 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6730	50.9609	8.8609	0.1701	3.9896	0.2704	4.2600	1.0935	0.2587	1.3521		17,821.34 17	17,821.34 17	0.3166		17,829.25 73
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0434	0.5866	1.5300e-003	0.1479	9.6000e-004	0.1488	0.0392	8.8000e-004	0.0401		152.2195	152.2195	4.1400e-003		152.3229
Total	1.7493	51.0043	9.4475	0.1716	4.1375	0.2714	4.4088	1.1327	0.2596	1.3922		17,973.56 12	17,973.56 12	0.3208		17,981.58 02

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.2 Site Preparation - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6729	0.0000	6.6729	3.6186	0.0000	3.6186			0.0000			0.0000
Off-Road	1.5714	16.5201	7.9978	0.0138		0.8665	0.8665		0.7972	0.7972	0.0000	1,365.339 2	1,365.339 2	0.4320		1,376.138 6
Total	1.5714	16.5201	7.9978	0.0138	6.6729	0.8665	7.5394	3.6186	0.7972	4.4158	0.0000	1,365.339 2	1,365.339 2	0.4320		1,376.138 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6730	50.9609	8.8609	0.1701	3.9896	0.2704	4.2600	1.0935	0.2587	1.3521		17,821.34 17	17,821.34 17	0.3166		17,829.25 73
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0763	0.0434	0.5866	1.5300e-003	0.1479	9.6000e-004	0.1488	0.0392	8.8000e-004	0.0401		152.2195	152.2195	4.1400e-003		152.3229
Total	1.7493	51.0043	9.4475	0.1716	4.1375	0.2714	4.4088	1.1327	0.2596	1.3922		17,973.56 12	17,973.56 12	0.3208		17,981.58 02

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.3 Grading - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5701	0.0000	9.5701	3.9593	0.0000	3.9593			0.0000			0.0000
Off-Road	5.3607	61.6249	39.2671	0.0732		2.6195	2.6195		2.4100	2.4100		7,243.8315	7,243.8315	2.2919		7,301.1283
Total	5.3607	61.6249	39.2671	0.0732	9.5701	2.6195	12.1897	3.9593	2.4100	6.3693		7,243.8315	7,243.8315	2.2919		7,301.1283

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0848	0.0482	0.6518	1.7000e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		169.1328	169.1328	4.6000e-003		169.2477
Total	0.0848	0.0482	0.6518	1.7000e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		169.1328	169.1328	4.6000e-003		169.2477

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.3 Grading - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5701	0.0000	9.5701	3.9593	0.0000	3.9593			0.0000			0.0000
Off-Road	5.3607	61.6249	39.2671	0.0732		2.6195	2.6195		2.4100	2.4100	0.0000	7,243.8315	7,243.8315	2.2919		7,301.1283
Total	5.3607	61.6249	39.2671	0.0732	9.5701	2.6195	12.1897	3.9593	2.4100	6.3693	0.0000	7,243.8315	7,243.8315	2.2919		7,301.1283

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0848	0.0482	0.6518	1.7000e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		169.1328	169.1328	4.6000e-003		169.2477
Total	0.0848	0.0482	0.6518	1.7000e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		169.1328	169.1328	4.6000e-003		169.2477

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606		3,980.7350	3,980.7350	0.9765		4,005.1485
Total	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606		3,980.7350	3,980.7350	0.9765		4,005.1485

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0607	1.7730	0.3406	4.1600e-003	0.0948	0.0108	0.1056	0.0273	0.0103	0.0376		435.4299	435.4299	0.0214		435.9644
Worker	0.3010	0.1712	2.3139	6.0300e-003	0.5833	3.7900e-003	0.5870	0.1547	3.4900e-003	0.1582		600.4214	600.4214	0.0163		600.8293
Total	0.3616	1.9443	2.6545	0.0102	0.6781	0.0146	0.6927	0.1820	0.0138	0.1958		1,035.8513	1,035.8513	0.0377		1,036.7937

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.4 Building Construction - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606	0.0000	3,980.7350	3,980.7350	0.9765		4,005.1485
Total	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606	0.0000	3,980.7350	3,980.7350	0.9765		4,005.1485

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0607	1.7730	0.3406	4.1600e-003	0.0948	0.0108	0.1056	0.0273	0.0103	0.0376		435.4299	435.4299	0.0214		435.9644
Worker	0.3010	0.1712	2.3139	6.0300e-003	0.5833	3.7900e-003	0.5870	0.1547	3.4900e-003	0.1582		600.4214	600.4214	0.0163		600.8293
Total	0.3616	1.9443	2.6545	0.0102	0.6781	0.0146	0.6927	0.1820	0.0138	0.1958		1,035.8513	1,035.8513	0.0377		1,036.7937

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113		3,920.9130	3,920.9130	0.9638		3,945.0085
Total	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113		3,920.9130	3,920.9130	0.9638		3,945.0085

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0503	1.6403	0.2987	4.1300e-003	0.0948	7.1900e-003	0.1020	0.0273	6.8800e-003	0.0342		432.0746	432.0746	0.0197		432.5669
Worker	0.2757	0.1516	2.0834	5.8400e-003	0.5833	3.7100e-003	0.5870	0.1547	3.4200e-003	0.1581		581.2503	581.2503	0.0143		581.6072
Total	0.3261	1.7919	2.3822	9.9700e-003	0.6781	0.0109	0.6890	0.1820	0.0103	0.1923		1,013.3249	1,013.3249	0.0340		1,014.1741

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.4 Building Construction - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113	0.0000	3,920.9130	3,920.9130	0.9638		3,945.0085
Total	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113	0.0000	3,920.9130	3,920.9130	0.9638		3,945.0085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0503	1.6403	0.2987	4.1300e-003	0.0948	7.1900e-003	0.1020	0.0273	6.8800e-003	0.0342		432.0746	432.0746	0.0197		432.5669
Worker	0.2757	0.1516	2.0834	5.8400e-003	0.5833	3.7100e-003	0.5870	0.1547	3.4200e-003	0.1581		581.2503	581.2503	0.0143		581.6072
Total	0.3261	1.7919	2.3822	9.9700e-003	0.6781	0.0109	0.6890	0.1820	0.0103	0.1923		1,013.3249	1,013.3249	0.0340		1,014.1741

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0348	21.0984	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389		3,311.600 2	3,311.600 2	1.0710		3,338.376 1
Paving	0.1753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2102	21.0984	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389		3,311.600 2	3,311.600 2	1.0710		3,338.376 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0583	0.0320	0.4402	1.2300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		122.7994	122.7994	3.0200e-003		122.8748
Total	0.0583	0.0320	0.4402	1.2300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		122.7994	122.7994	3.0200e-003		122.8748

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.5 Paving - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0348	21.0983	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389	0.0000	3,311.600 2	3,311.600 2	1.0710		3,338.376 1
Paving	0.1753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2102	21.0983	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389	0.0000	3,311.600 2	3,311.600 2	1.0710		3,338.376 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0583	0.0320	0.4402	1.2300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		122.7994	122.7994	3.0200e-003		122.8748
Total	0.0583	0.0320	0.4402	1.2300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		122.7994	122.7994	3.0200e-003		122.8748

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.9714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3633	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664		422.1721	422.1721	0.0327		422.9892
Total	74.3347	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664		422.1721	422.1721	0.0327		422.9892

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0544	0.0299	0.4108	1.1500e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		114.6127	114.6127	2.8100e-003		114.6831
Total	0.0544	0.0299	0.4108	1.1500e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		114.6127	114.6127	2.8100e-003		114.6831

Huntington Senior Apartments - Placer-Sacramento County, Summer

3.6 Architectural Coating - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.9714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3633	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664	0.0000	422.1721	422.1721	0.0327		422.9892
Total	74.3347	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664	0.0000	422.1721	422.1721	0.0327		422.9892

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0544	0.0299	0.4108	1.1500e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		114.6127	114.6127	2.8100e-003		114.6831
Total	0.0544	0.0299	0.4108	1.1500e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		114.6127	114.6127	2.8100e-003		114.6831

4.0 Operational Detail - Mobile

Huntington Senior Apartments - Placer-Sacramento County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6500	3.7065	6.8772	0.0243	1.7193	0.0250	1.7443	0.4608	0.0236	0.4843		2,463.4684	2,463.4684	0.0950		2,465.8430
Unmitigated	0.6500	3.7065	6.8772	0.0243	1.7193	0.0250	1.7443	0.4608	0.0236	0.4843		2,463.4684	2,463.4684	0.0950		2,465.8430

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Retirement Community	281.20	245.48	238.64	773,476	773,476
Total	281.20	245.48	238.64	773,476	773,476

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Retirement Community	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3

4.4 Fleet Mix

Huntington Senior Apartments - Placer-Sacramento County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333
Retirement Community	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
NaturalGas Unmitigated	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

Huntington Senior Apartments - Placer-Sacramento County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2519.19	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Total		0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.51919	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Total		0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

6.0 Area Detail**6.1 Mitigation Measures Area**

Huntington Senior Apartments - Placer-Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Unmitigated	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2635					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1919	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346		11.2983	11.2983	0.0110		11.5740
Total	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

Huntington Senior Apartments - Placer-Sacramento County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2635					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1919	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346		11.2983	11.2983	0.0110		11.5740
Total	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Huntington Senior Apartments - Placer-Sacramento County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

CalEEMod Model Output File
Daily Winter Period

Huntington Senior Apartments - Placer-Sacramento County, Winter

Huntington Senior Apartments

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	37.85	1000sqft	0.87	37,850.00	0
Retirement Community	76.00	Dwelling Unit	15.20	76,000.00	217

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MW hr)	307	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Huntington Senior Apartments - Placer-Sacramento County, Winter

Project Characteristics - PG&E supplied CO2 intensity factor for 2019 307 lb/MWh (per 2015)

Land Use - E-mail message per Foothill Associates 19 Feb 2018

Construction Phase - Projected schedule 12 months. Adjusted default schedule by 2/3

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule (8.8 hr/day). City-required notation of specialized equipment 966C Caterpillar front-end loader 170 HP

Off-road Equipment - Hours adjusted for new construction phase schedule

Off-road Equipment - Hours adjusted for new construction phase schedule extended for soil export (2.9 hr/day)

Trips and VMT - Hauling trips incl soil export. Trip length extended per 1/30/19 E-mail message from Foothill Associates. 24 CY per truck per 2/19/18 E-mail message from Foothill Associates.

Grading - Per Foothill Associates E-mail message 2 March 2018

Architectural Coating -

Vehicle Trips - ITE Trip Generation Manual 10th Edition rates used (weekday = 3.7, Saturday = 3.23, Sunday = 3.14)

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - No fireplaces in project

Area Coating -

Energy Use -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	28.00
tblConstructionPhase	NumDays	30.00	27.00
tblConstructionPhase	NumDays	300.00	200.00
tblConstructionPhase	NumDays	20.00	13.00
tblConstructionPhase	NumDays	20.00	13.00

Huntington Senior Apartments - Placer-Sacramento County, Winter

tblConstructionPhase	PhaseEndDate	8/14/2019	9/9/2019
tblConstructionPhase	PhaseEndDate	9/25/2019	10/16/2019
tblConstructionPhase	PhaseEndDate	11/18/2020	7/22/2020
tblConstructionPhase	PhaseEndDate	12/16/2020	8/10/2020
tblConstructionPhase	PhaseEndDate	1/13/2021	8/27/2020
tblConstructionPhase	PhaseStartDate	8/15/2019	9/10/2019
tblConstructionPhase	PhaseStartDate	9/26/2019	10/17/2019
tblConstructionPhase	PhaseStartDate	11/19/2020	7/23/2020
tblConstructionPhase	PhaseStartDate	12/17/2020	8/11/2020
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	41.80	0.00
tblFireplaces	NumberNoFireplace	7.60	76.00
tblFireplaces	NumberWood	26.60	0.00
tblGrading	AcresOfGrading	74.25	75.00
tblGrading	MaterialExported	0.00	30,672.00
tblOffRoadEquipment	HorsePower	97.00	170.00
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	2.90
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	8.00	8.80
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00

Huntington Senior Apartments - Placer-Sacramento County, Winter

tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	6.00	9.00
tblProjectCharacteristics	CO2IntensityFactor	793.8	307
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	3,834.00	2,556.00
tblVehicleTrips	ST_TR	2.03	3.23
tblVehicleTrips	SU_TR	1.95	3.14
tblVehicleTrips	WD_TR	2.40	3.70
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Huntington Senior Apartments - Placer-Sacramento County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	5.4427	69.9907	39.8558	0.1835	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,138.80 24	19,138.80 24	2.2961	0.0000	19,158.40 98
2020	74.3872	31.3580	28.0609	0.0505	0.6781	1.7255	2.4036	0.1820	1.6217	1.8037	0.0000	4,855.961 8	4,855.961 8	1.0738	0.0000	4,880.938 4
Maximum	74.3872	69.9907	39.8558	0.1835	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,138.80 24	19,138.80 24	2.2961	0.0000	19,158.40 98

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	5.4427	69.9907	39.8558	0.1835	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,138.8024	19,138.8024	2.2961	0.0000	19,158.4098
2020	74.3872	31.3580	28.0609	0.0505	0.6781	1.7255	2.4036	0.1820	1.6217	1.8037	0.0000	4,855.9618	4,855.9618	1.0738	0.0000	4,880.9384
Maximum	74.3872	69.9907	39.8558	0.1835	10.8104	2.6206	12.3550	4.7513	2.4110	6.4139	0.0000	19,138.8024	19,138.8024	2.2961	0.0000	19,158.4098

[illegible]

Huntington Senior Apartments - Placer-Sacramento County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Energy	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Mobile	0.5323	3.8839	6.6736	0.0224	1.7193	0.0253	1.7447	0.4608	0.0239	0.4847		2,263.9631	2,263.9631	0.0982		2,266.4187
Total	2.6547	4.1889	13.0672	0.0242	1.7193	0.0787	1.7980	0.4608	0.0773	0.5381	0.0000	2,571.6362	2,571.6362	0.1149	5.4300e-003	2,576.1287

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Energy	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Mobile	0.5323	3.8839	6.6736	0.0224	1.7193	0.0253	1.7447	0.4608	0.0239	0.4847		2,263.9631	2,263.9631	0.0982		2,266.4187
Total	2.6547	4.1889	13.0672	0.0242	1.7193	0.0787	1.7980	0.4608	0.0773	0.5381	0.0000	2,571.6362	2,571.6362	0.1149	5.4300e-003	2,576.1287

Huntington Senior Apartments - Placer-Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	8/1/2019	9/9/2019	5	28	
2	Grading	Grading	9/10/2019	10/16/2019	5	27	
3	Building Construction	Building Construction	10/17/2019	7/22/2020	5	200	
4	Paving	Paving	7/23/2020	8/10/2020	5	13	
5	Architectural Coating	Architectural Coating	8/11/2020	8/27/2020	5	13	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0.87

Residential Indoor: 153,900; Residential Outdoor: 51,300; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,271 (Architectural Coating – sqft)

OffRoad Equipment

Huntington Senior Apartments - Placer-Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	2.90	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	2.90	97	0.37
Grading	Excavators	2	8.80	158	0.38
Grading	Graders	1	8.80	187	0.41
Grading	Rubber Tired Dozers	1	8.80	247	0.40
Grading	Scrapers	2	8.80	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.80	170	0.37
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	3	12.00	89	0.20
Building Construction	Generator Sets	1	12.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Building Construction	Welders	1	12.00	46	0.45
Paving	Pavers	2	12.00	130	0.42
Paving	Paving Equipment	2	12.00	132	0.36
Paving	Rollers	2	12.00	80	0.38
Architectural Coating	Air Compressors	1	9.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	2,556.00	10.80	7.30	50.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	71.00	14.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	14.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.1 Mitigation Measures Construction**3.2 Site Preparation - 2019****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6729	0.0000	6.6729	3.6186	0.0000	3.6186			0.0000			0.0000
Off-Road	1.5714	16.5201	7.9978	0.0138		0.8665	0.8665		0.7972	0.7972		1,365.339 2	1,365.339 2	0.4320		1,376.138 6
Total	1.5714	16.5201	7.9978	0.0138	6.6729	0.8665	7.5394	3.6186	0.7972	4.4158		1,365.339 2	1,365.339 2	0.4320		1,376.138 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.7025	53.4161	9.3746	0.1684	3.9896	0.2733	4.2629	1.0935	0.2615	1.3549		17,637.94 02	17,637.94 02	0.3485		17,646.65 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0545	0.5298	1.3600e- 003	0.1479	9.6000e- 004	0.1488	0.0392	8.8000e- 004	0.0401		135.5231	135.5231	3.7900e- 003		135.6179
Total	1.7763	53.4706	9.9044	0.1697	4.1375	0.2743	4.4117	1.1327	0.2624	1.3951		17,773.46 33	17,773.46 33	0.3523		17,782.27 12

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.2 Site Preparation - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6729	0.0000	6.6729	3.6186	0.0000	3.6186			0.0000			0.0000
Off-Road	1.5714	16.5201	7.9978	0.0138		0.8665	0.8665		0.7972	0.7972	0.0000	1,365.339 2	1,365.339 2	0.4320		1,376.138 6
Total	1.5714	16.5201	7.9978	0.0138	6.6729	0.8665	7.5394	3.6186	0.7972	4.4158	0.0000	1,365.339 2	1,365.339 2	0.4320		1,376.138 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.7025	53.4161	9.3746	0.1684	3.9896	0.2733	4.2629	1.0935	0.2615	1.3549		17,637.94 02	17,637.94 02	0.3485		17,646.65 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0545	0.5298	1.3600e- 003	0.1479	9.6000e- 004	0.1488	0.0392	8.8000e- 004	0.0401		135.5231	135.5231	3.7900e- 003		135.6179
Total	1.7763	53.4706	9.9044	0.1697	4.1375	0.2743	4.4117	1.1327	0.2624	1.3951		17,773.46 33	17,773.46 33	0.3523		17,782.27 12

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.3 Grading - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5701	0.0000	9.5701	3.9593	0.0000	3.9593			0.0000			0.0000
Off-Road	5.3607	61.6249	39.2671	0.0732		2.6195	2.6195		2.4100	2.4100		7,243.8315	7,243.8315	2.2919		7,301.1283
Total	5.3607	61.6249	39.2671	0.0732	9.5701	2.6195	12.1897	3.9593	2.4100	6.3693		7,243.8315	7,243.8315	2.2919		7,301.1283

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0820	0.0605	0.5887	1.5100e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		150.5812	150.5812	4.2200e-003		150.6866
Total	0.0820	0.0605	0.5887	1.5100e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		150.5812	150.5812	4.2200e-003		150.6866

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.3 Grading - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5701	0.0000	9.5701	3.9593	0.0000	3.9593			0.0000			0.0000
Off-Road	5.3607	61.6249	39.2671	0.0732		2.6195	2.6195		2.4100	2.4100	0.0000	7,243.8315	7,243.8315	2.2919		7,301.1283
Total	5.3607	61.6249	39.2671	0.0732	9.5701	2.6195	12.1897	3.9593	2.4100	6.3693	0.0000	7,243.8315	7,243.8315	2.2919		7,301.1283

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0820	0.0605	0.5887	1.5100e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		150.5812	150.5812	4.2200e-003		150.6866
Total	0.0820	0.0605	0.5887	1.5100e-003	0.1643	1.0700e-003	0.1654	0.0436	9.8000e-004	0.0446		150.5812	150.5812	4.2200e-003		150.6866

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.4 Building Construction - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606		3,980.7350	3,980.7350	0.9765		4,005.1485
Total	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606		3,980.7350	3,980.7350	0.9765		4,005.1485

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0640	1.7964	0.4109	4.0200e-003	0.0948	0.0111	0.1059	0.0273	0.0106	0.0379		420.9656	420.9656	0.0241		421.5681
Worker	0.2912	0.2148	2.0898	5.3700e-003	0.5833	3.7900e-003	0.5870	0.1547	3.4900e-003	0.1582		534.5632	534.5632	0.0150		534.9374
Total	0.3552	2.0112	2.5007	9.3900e-003	0.6781	0.0149	0.6929	0.1820	0.0141	0.1961		955.5288	955.5288	0.0391		956.5055

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.4 Building Construction - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606	0.0000	3,980.7350	3,980.7350	0.9765		4,005.1485
Total	3.6169	32.4319	26.3207	0.0413		1.9800	1.9800		1.8606	1.8606	0.0000	3,980.7350	3,980.7350	0.9765		4,005.1485

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0640	1.7964	0.4109	4.0200e-003	0.0948	0.0111	0.1059	0.0273	0.0106	0.0379		420.9656	420.9656	0.0241		421.5681
Worker	0.2912	0.2148	2.0898	5.3700e-003	0.5833	3.7900e-003	0.5870	0.1547	3.4900e-003	0.1582		534.5632	534.5632	0.0150		534.9374
Total	0.3552	2.0112	2.5007	9.3900e-003	0.6781	0.0149	0.6929	0.1820	0.0141	0.1961		955.5288	955.5288	0.0391		956.5055

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.4 Building Construction - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113		3,920.9130	3,920.9130	0.9638		3,945.0085
Total	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113		3,920.9130	3,920.9130	0.9638		3,945.0085

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0533	1.6573	0.3622	3.9900e-003	0.0948	7.3900e-003	0.1022	0.0273	7.0700e-003	0.0344		417.5832	417.5832	0.0223		418.1399
Worker	0.2667	0.1900	1.8663	5.2000e-003	0.5833	3.7100e-003	0.5870	0.1547	3.4200e-003	0.1581		517.4656	517.4656	0.0130		517.7900
Total	0.3200	1.8473	2.2285	9.1900e-003	0.6781	0.0111	0.6892	0.1820	0.0105	0.1925		935.0487	935.0487	0.0352		935.9299

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.4 Building Construction - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113	0.0000	3,920.9130	3,920.9130	0.9638		3,945.0085
Total	3.2474	29.5107	25.8324	0.0413		1.7144	1.7144		1.6113	1.6113	0.0000	3,920.9130	3,920.9130	0.9638		3,945.0085

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0533	1.6573	0.3622	3.9900e-003	0.0948	7.3900e-003	0.1022	0.0273	7.0700e-003	0.0344		417.5832	417.5832	0.0223		418.1399
Worker	0.2667	0.1900	1.8663	5.2000e-003	0.5833	3.7100e-003	0.5870	0.1547	3.4200e-003	0.1581		517.4656	517.4656	0.0130		517.7900
Total	0.3200	1.8473	2.2285	9.1900e-003	0.6781	0.0111	0.6892	0.1820	0.0105	0.1925		935.0487	935.0487	0.0352		935.9299

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.5 Paving - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0348	21.0984	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389		3,311.600 2	3,311.600 2	1.0710		3,338.376 1
Paving	0.1753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2102	21.0984	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389		3,311.600 2	3,311.600 2	1.0710		3,338.376 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0401	0.3943	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		109.3237	109.3237	2.7400e-003		109.3922
Total	0.0563	0.0401	0.3943	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		109.3237	109.3237	2.7400e-003		109.3922

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.5 Paving - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0348	21.0983	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389	0.0000	3,311.600 2	3,311.600 2	1.0710		3,338.376 1
Paving	0.1753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2102	21.0983	21.9781	0.0342		1.1292	1.1292		1.0389	1.0389	0.0000	3,311.600 2	3,311.600 2	1.0710		3,338.376 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0401	0.3943	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		109.3237	109.3237	2.7400e-003		109.3922
Total	0.0563	0.0401	0.3943	1.1000e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		109.3237	109.3237	2.7400e-003		109.3922

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.6 Architectural Coating - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.9714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3633	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664		422.1721	422.1721	0.0327		422.9892
Total	74.3347	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664		422.1721	422.1721	0.0327		422.9892

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0375	0.3680	1.0200e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		102.0355	102.0355	2.5600e-003		102.0994
Total	0.0526	0.0375	0.3680	1.0200e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		102.0355	102.0355	2.5600e-003		102.0994

Huntington Senior Apartments - Placer-Sacramento County, Winter

3.6 Architectural Coating - 2020**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.9714					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3633	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664	0.0000	422.1721	422.1721	0.0327		422.9892
Total	74.3347	2.5258	2.7471	4.4600e-003		0.1664	0.1664		0.1664	0.1664	0.0000	422.1721	422.1721	0.0327		422.9892

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0375	0.3680	1.0200e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		102.0355	102.0355	2.5600e-003		102.0994
Total	0.0526	0.0375	0.3680	1.0200e-003	0.1150	7.3000e-004	0.1157	0.0305	6.7000e-004	0.0312		102.0355	102.0355	2.5600e-003		102.0994

4.0 Operational Detail - Mobile

Huntington Senior Apartments - Placer-Sacramento County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5323	3.8839	6.6736	0.0224	1.7193	0.0253	1.7447	0.4608	0.0239	0.4847		2,263.963 1	2,263.963 1	0.0982		2,266.418 7
Unmitigated	0.5323	3.8839	6.6736	0.0224	1.7193	0.0253	1.7447	0.4608	0.0239	0.4847		2,263.963 1	2,263.963 1	0.0982		2,266.418 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Retirement Community	281.20	245.48	238.64	773,476	773,476
Total	281.20	245.48	238.64	773,476	773,476

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Retirement Community	10.80	7.30	7.50	42.60	21.00	36.40	86	11	3

4.4 Fleet Mix

Huntington Senior Apartments - Placer-Sacramento County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333
Retirement Community	0.489257	0.041257	0.220156	0.132626	0.025790	0.006586	0.027831	0.045583	0.001467	0.001229	0.006102	0.000783	0.001333

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
NaturalGas Unmitigated	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

Huntington Senior Apartments - Placer-Sacramento County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2519.19	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Total		0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Retirement Community	2.51919	0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360
Total		0.0272	0.2322	0.0988	1.4800e-003		0.0188	0.0188		0.0188	0.0188		296.3748	296.3748	5.6800e-003	5.4300e-003	298.1360

6.0 Area Detail**6.1 Mitigation Measures Area**

Huntington Senior Apartments - Placer-Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740
Unmitigated	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2635					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1919	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346		11.2983	11.2983	0.0110		11.5740
Total	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

Huntington Senior Apartments - Placer-Sacramento County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2635					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1919	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346		11.2983	11.2983	0.0110		11.5740
Total	2.0952	0.0728	6.2948	3.3000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	11.2983	11.2983	0.0110	0.0000	11.5740

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Huntington Senior Apartments - Placer-Sacramento County, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Attachment 3

*Biological Resources Assessment [for the] ±3.34-Acre
Huntington Senior Apartments, City of Roseville, Placer
County, California, prepared by Foothill Associates*

January 29, 2019

Biological Resources Assessment

±3.34-Acre Huntington Senior Apartments Project
City of Roseville, Placer County, California

Prepared for:

Stamas Corporation

January 29, 2019

Prepared by:



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Executive Summary

Foothill Associates' biologists Zachary Neider and Marisa Brilts conducted a biological resources assessment on December 27, 2017 on the Huntington Senior Apartments Project, Assessor's Parcel Number (APN) 048-260-030, located within the City of Roseville, Placer County, California. The site is located at 1650 Huntington Drive, south of Douglas Boulevard and west of Rocky Ridge Drive. The purpose of this document is to describe baseline conditions on the parcel by summarizing the general biological resources, assessing the suitability of the site to support special-status species and sensitive habitat types, and to provide recommendations for regulatory permitting or further analysis that may be required prior to development activities occurring on the site.

The 3.34-acre Huntington Senior Apartments site (Study Area) is largely composed of disturbed soils, non-native annual grassland, oak woodland, and a section of riparian habitat associated with an off-site perennial drainage in the southeastern portion of the Study Area. Land uses surrounding the Study Area include single-family residential and commercial/professional development.

Known or potential biological constraints in the Study Area include the following:

- Potential aestivation habitat for western pond turtle (*Actinemys marmorata*) and western spadefoot (*Spea hammondi*);
- Potential roosting and foraging habitat for pallid bat (*Antrozous pallidus*) and silver haired bat (*Lasionycteris noctivagans*);
- Potential nesting and foraging habitat for migratory birds and other birds of prey including: Cooper's hawk (*Accipiter cooperii*), grasshopper sparrow (*Ammodramus savannarum*), white-tailed kite (*Elanus leucurus*), song sparrow ("Modesto" population) (*Melospiza melodia*), and purple martin (*Progne subis*);
- Riparian habitat; and
- Protected oak trees.

1.0 INTRODUCTION

This report summarizes the findings of a biological resources assessment completed for the ±3.34-acre Huntington Senior Apartments Project site, located within the City of Roseville, Placer County, California. This document addresses the onsite physical features, as well as plant communities present and the common plant and wildlife species occurring, or potentially occurring, in the Study Area. Furthermore, the suitability of habitats to support special-status species and sensitive habitats are analyzed and recommendations are provided for any regulatory permitting or further analysis required prior to development activities occurring on the site.

1.1. Project Description

The project proponent is proposing to construct a multi-family, senior, age restricted (55+) apartment complex consisting of 10 apartment buildings composed of 48 one-bedroom units and 28 two-bedroom units, a community clubhouse, and associated parking. Five of the proposed 76 apartment units will be designated as affordable housing units (Proposed Project).

The proposed project would include single-, two-, and three-story buildings. The single-story buildings along with a single-story community clubhouse are proposed along the southern boundary of the site adjacent to existing single-family residences. The two and three-story buildings are proposed adjacent to Strauch Drive and the existing Rocky Ridge Plaza and would be staggered from Huntington Drive.

1.1.1. Community Clubhouse

The Proposed Project would include a community clubhouse for resident use and professional office space for property management along with amenities such as a mail room, gym facility, library, community room for group activities, kitchen, dog grooming, and restroom facilities. A paratransit stop would be located in front of the clubhouse for individuals with disabilities utilizing the Roseville American Disabilities Act (ADA) Paratransit Service.

1.1.2. Bio Retention Facilities

Development of the Proposed Project would attenuate storm water onsite. Project development would include several bio-retention facilities located adjacent to paved areas. The bio-retention facilities would include plantings to help retain and treat storm water runoff from impervious surfaces during high flow storm events. A 1,418 square feet vegetative swale would be constructed adjacent to the project entrance along Strauch Drive. Trees would be planted in planter spaces throughout the site and in bio retention facilities and would include 31 California native trees.

1.1.3. Parking

The Proposed Project would include 91 parking spaces for residents and guests which would consist of nine accessible ADA-compliant spaces, two compact spaces, and 80 standard parking spaces. Runoff from the parking areas will be routed through bio-retention facilities prior to entering the City of Roseville storm drain system.

1.1.4. Landscaping

An outdoor garden would be located within the center of the complex along with a designated sitting area. Landscaping will consist of trees and shrubs, and other flora native to the area. Maximum consideration will be given to those plants that are drought resistant, and that require the least amount of maintenance. Two additional sitting areas will be located in the complex adjacent to housing and landscape areas.

1.1.5. Utilities

Project development would include trash enclosures and an elevator and elevator machine room. Lighting for safety, security, and public use would also be installed on the site (i.e. sconce lighting, pole lighting). Lighting design would comply with all local and state codes (e.g. Title 24).

1.1.6. Construction, Grading, and Staging

Project construction is planned to commence during summer 2019 and would involve a combination of standard types of construction equipment, including, but not limited to, backhoe/skiploader, grader, excavator, compactor/roller, asphalt paver, and trucks. All staging for construction equipment will occur on the project site. Proposed Project development will require leveling the site and exporting approximately 27,295 cubic yards of fill to an environmental approved site with an approved Grading Plan within 50 miles of the Project site. The maximum elevation of the site is currently 202 feet mean sea level (MSL), and will be lowered to between 170 and 180 feet MSL. The highest point of the graded site would be at the corner of Strauch Drive and Huntington Drive, with the site gradually sloping down to the southern side of the site. The elevation of the three neighboring single-family properties to the south is between 167 feet MSL at Huntington Drive and gradually increasing to 177 feet MSL on the parcel closest to Rocky Ridge Drive. The Proposed Project elevation will closely match the existing grade of the adjacent single-family homes on Huntington Drive, but as proposed will gradually become lower than the adjacent residential properties. Low-level concrete masonry walls (approximately 2 to 2.5 feet in height) will be constructed to retain soils due to this grade difference. A concrete masonry wall (approximately 2.5 feet in height) will be included for a portion of Huntington Drive near Strauch Drive, because the site will be slightly higher than the roadway.

A 6-foot-high concrete masonry wall would be constructed along the southern project boundary adjacent to existing single-family residential and will be complimentary in color to the buildings.

1.1.7. Entitlements

Development of the Proposed Project would require a Rezone and General Plan Amendment to change existing CC and MDR land use designations to High Density Residential (HDR). A lot line adjustment is proposed along the northwestern corner and southeastern edge of the site. In addition, a Tree Permit would be required to remove up ten onsite oak trees.

2.0 REGULATORY FRAMEWORK

Federal, State, and local environmental laws, regulations, and policies relevant to the California Environmental Quality Act (CEQA) review process are summarized below. The CEQA significance criteria are also included in this section.

2.1. Federal Regulations

2.1.1. Federal Endangered Species Act

The U.S. Congress passed the Federal Endangered Species Act (FESA) in 1973 to protect those species that are endangered or threatened with extinction. FESA is intended to operate in conjunction with the National Environmental Policy Act (NEPA) to help protect the ecosystems upon which endangered and threatened species depend.

FESA prohibits the “take” of endangered or threatened wildlife species. “Take” is defined to include harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting wildlife species or any attempt to engage in such conduct (FESA Section 3 [(3) (19)]). Harm is further defined to include significant habitat modification or degradation that results in death or injury to listed species by significantly impairing behavioral patterns (50 CFR §17.3). Harass is defined as actions that create the likelihood of injury to listed species to such an extent as to significantly disrupt normal behavior patterns (50 CFR §17.3). Actions that result in take can result in civil or criminal penalties.

In the context of the proposed project, FESA consultation with the U.S. Fish and Wildlife Service (USFWS) or the National Marine Fisheries Service (NMFS) would be initiated if development resulted in take of a threatened or endangered species or if issuance of a Section 404 permit or other federal agency action could result in take of an endangered species or adversely modify critical habitat of such a species.

2.1.2. Migratory Bird Treaty Act

Raptors (birds of prey), migratory birds, and other avian species are protected by a number of State and federal laws. The federal Migratory Bird Treaty Act (MBTA) prohibits the killing, possessing, or trading of migratory birds except in accordance with regulations prescribed by the Secretary of Interior.

2.1.3. The Bald and Golden Eagle Protection Act

The Bald and Golden Eagle Protection Act (Eagle Act) prohibits the taking or possession of and commerce in bald and golden eagles with limited exceptions. Under the Eagle Act, it is a violation to *“take, possess, sell, purchase, barter, offer to sell, transport, export or import, at any time or in any manner, any bald eagle commonly known as the American eagle, or golden eagle, alive or dead, or any part, nest, or egg, thereof.”* Take is defined to include pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, destroy, molest, and disturb. Disturb is further defined in 50 CFR Part 22.3 as *“to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available (1) injury to*

an eagle, (2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or (3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior.”

2.2. State Jurisdiction

2.2.1. California Endangered Species Act

The State of California enacted the California Endangered Species Act (CESA) in 1984. CESA is similar to the FESA but pertains to State-listed endangered and threatened species. CESA requires state agencies to consult with the California Department of Fish and Wildlife (CDFW), when preparing CEQA documents. The purpose is to ensure that the State lead agency actions do not jeopardize the continued existence of a listed species or result in the destruction, or adverse modification of habitat essential to the continued existence of those species, if there are reasonable and prudent alternatives available (Fish and Game Code §2080). CESA directs agencies to consult with CDFW on projects or actions that could affect listed species, directs CDFW to determine whether jeopardy would occur and allows CDFW to identify “reasonable and prudent alternatives” to the project consistent with conserving the species. CESA allows CDFW to authorize exceptions to the State’s prohibition against take of a listed species if the “take” of a listed species is incidental to carrying out an otherwise lawful project that has been approved under CEQA (Fish & Game Code § 2081).

2.2.2. California Department of Fish and Game Codes

A number of species have been designated “fully protected” species under Sections 5515, 5050, 3511, and 4700 of the Fish and Game Code, but are not listed as endangered (Section 2062) or threatened (Section 2067) species under CESA. Except for take related to scientific research, all take of fully protected species is prohibited. The California Fish and Game Code defines take as “*hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill.*” Additionally, Section 3503 of the California Fish and Game Code prohibits the killing of birds or the destruction of bird nests.

2.2.3. Native Plant Protection Act

The Native Plant Protection Act (NPPA), enacted in 1977, allows the Fish and Game Commission to designate plants as rare or endangered. There are 64 species, subspecies, and varieties of plants protected under the NPPA. The NPPA prohibits take of endangered or rare native plants, with some exceptions for agricultural and nursery operations and emergencies. Vegetation removal from canals, roads, and other sites, changes in land use, and certain other situations require proper advance notification to CDFW.

2.3. Jurisdictional Waters

2.3.1. Federal Jurisdiction

The U.S. Army Corps of Engineers (Corps) regulates discharge of dredge or fill material into waters of the U.S. under Section 404 of the Clean Water Act (CWA). “Discharges of fill material”

is defined as the addition of fill material into waters of the U.S., including, but not limited to the following: placement of fill that is necessary for the construction of any structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; fill for intake and outfall pipes and subaqueous utility lines [33 C.F.R. §328.2(f)].

Waters of the U.S. include a range of wet environments such as lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, and wet meadows. Boundaries between jurisdictional waters and uplands are determined in a variety of ways depending on which type of waters is present. Methods for delineating wetlands and non-tidal waters are described below.

- Wetlands are defined as *“those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions”* [33 C.F.R. §328.3(b)]. Presently, to be a wetland, a site must exhibit three wetland criteria: hydrophytic vegetation, hydric soils, and wetland hydrology existing under the “normal circumstances” for the site.
- The lateral extent of non-tidal waters is determined by delineating the ordinary high-water mark (OHWM) [33 C.F.R. §328.4(c)(1)]. The OHWM is defined by the Corps as *“that line on shore established by the fluctuations of water and indicated by physical character of the soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas”* [33 C.F.R. §328.3(e)].

An aquatic feature is determined to be a water of the U.S. based on nexus with a traditionally navigable water pursuant to the Supreme Court’s decision in the consolidated cases Rapanos v. United States and Carabell v. United States (126 S. Ct. 2208) and agency guidance subsequent to this decision. Under these rules, the Corps asserts jurisdiction over wetlands adjacent to traditional navigable waters, relatively permanent non-navigable tributaries (i.e., waters that have a continuous flow at least three months out of the year), and wetlands that abut relatively permanent tributaries. The Corps determines jurisdiction over waters that are non-navigable tributaries that are not relatively permanent, and wetlands adjacent to these tributaries, by making a determination whether such waters “significantly affect the chemical, physical, and biological integrity of other jurisdictional waters more readily understood as “navigable.” Finally, the Corps generally does not consider the following to be “waters of the United States”: swales or erosional features (e.g., gullies, small washes characterized by low volume, infrequent or short duration flow) and ditches “wholly in and draining only uplands...which do not carry a relatively permanent flow of water.” Navigable waters of the United States are defined as waters that have been used in the past, are now used, or are susceptible to use as a means to transport interstate or foreign commerce up to the head of navigation.

2.3.2. State Jurisdiction

Regional Water Quality Control Boards

Discharges of fill or waste material to waters of the State are regulated by the State Water Resources Control Board (SWRCB) through its Regional Water Quality Control Boards (RWQCB) under Section 401 of the CWA and the Porter-Cologne Water Quality Control Act (contained in the California Water Code). All waters of the U.S. are also considered waters of the State. In addition, other aquatic features that are not subject to Corps' jurisdiction, such as roadside ditches or isolated wetlands, may be considered waters of the State. This determination will be made by RWQCB staff on a case-by-case basis.

Section 401 of the CWA requires an applicant to obtain "water quality certification" to ensure compliance with State water quality standards before certain federal licenses or permits may be issued. Section 13260(a) of the Porter-Cologne Water Quality Control Act requires any person discharging waste, including dredged or fill material, or proposing to discharge waste, other than to a community sewer system, within any region that could affect the quality of the waters of the State (all surface and subsurface waters) to file a report of waste discharge. The permits subject to Section 401 include CWA Section 404 permits issued by the Corps. Waste discharge requirements under the Porter-Cologne Water Quality Control Act were typically waived for projects that required certification. Discharges to waters of the State that are not subject to a CWA Section 404 permit rely on the report of waste discharge process.

California Department of Fish and Wildlife

The CDFW is a trustee agency that has jurisdiction under Section 1600 *et seq.* of the California Fish and Game Code. Under Sections 1602 and 1603, a private party must notify CDFW if a proposed project will "*substantially divert or obstruct the natural flow or substantially change the bed, channel, or bank of any river, stream, or lake designated by the department, or use any material from the streambeds...except when the department has been notified pursuant to Section 1601.*" Additionally, CDFW asserts jurisdiction over native riparian habitat adjacent to aquatic features, including native trees over 4-inches in diameter at breast height (DBH). If an existing fish or wildlife resource may be substantially adversely affected by the activity, CDFW may propose reasonable measures that will allow protection of those resources. If these measures are agreeable to the parties involved, they may enter into an agreement with CDFW identifying the approved activities and associated mitigation measures. Generally, CDFW recommends submitting an application for a Streambed Alteration Agreement (SAA) for any work done within the lateral limit of water flow or the edge of riparian vegetation, whichever is greater.

2.4. CEQA Significance

Section 15064.7 of the CEQA Guidelines encourages local agencies to develop and publish the thresholds that the agency uses in determining the significance of environmental effects caused by projects under its review. However, agencies may also rely upon the guidance provided by the expanded Initial Study Checklist contained in Appendix G of the CEQA Guidelines. Appendix G provides examples of impacts that would normally be considered significant. Based on these

examples, impacts to biological resources would normally be considered significant if the project would:

- Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS;
- Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the CDFW or USFWS;
- Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the CWA (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
- Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
- Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; and
- Conflict with the provisions of an adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional or state habitat conservation plan.

An evaluation of whether or not an impact on biological resources would be substantial must consider both the resource itself and how that resource fits into a regional or local context. Substantial impacts would be those that would diminish, or result in the loss of, an important biological resource, or those that would obviously conflict with local, State, or federal resource conservation plans, goals, or regulations. Impacts are sometimes locally important but not significant according to CEQA. The reason for this is that although the impacts would result in an adverse alteration of existing conditions, they would not substantially diminish, or result in the permanent loss of, an important resource on a population-wide or region-wide basis.

2.4.1. California Native Plant Society

The California Native Plant Society (CNPS) maintains a rank of plant species native to California that have low population numbers, limited distribution, or are otherwise threatened with extinction. This information is published in the *Inventory of Rare and Endangered Vascular Plants of California*. Potential impacts to populations of CNPS-ranked plants receive consideration under CEQA review. The following identifies the definitions of the CNPS ranks:

- Rank 1A: Plants presumed Extinct in California
- Rank 1B: Plants Rare, Threatened, or Endangered in California and elsewhere
- Rank 2: Plants Rare, Threatened, or Endangered in California, but more numerous elsewhere

- Rank 3: Plants about which we need more information – A Review List
- Rank 4: Plants of limited distribution – A Watch List

All plants appearing on CNPS Rank 1 or 2 are considered to meet CEQA Guidelines Section 15380 criteria. While only some of the plants ranked 3 and 4 meet the definitions of threatened or endangered species, the CNPS recommends that all Rank 3 and Rank 4 plants be evaluated for consideration under CEQA.

2.4.2. California Department of Fish and Wildlife Species of Concern

Some additional fish, amphibian, reptile, bird, and mammal species may receive consideration by CDFW and lead agencies during the CEQA process, in addition to species that are formally listed under FESA and CESA or are fully protected. These species are included on the *Special Animals List*, which is maintained by CDFW. This list tracks species in California whose numbers, reproductive success, or habitat may be in decline. In addition to “Species of Special Concern” (SSC), the *Special Animals List* includes species that are tracked in the California Natural Diversity Database (CNDDDB), but warrant no legal protection. These species are identified as “California Special Animals” (CSA).

2.5. City of Roseville Policies and Regulations

2.5.1. City of Roseville General Plan

The *City of Roseville’s General Plan, Open Space and Conservation Element* outlines specific goals, policies, and implementation measures pertaining to the protection of vegetation and wildlife (City of Roseville 2004). The three primary goals are:

Goal 1: Preserve, protect, and enhance a significant system of interconnected natural habitat areas, including creek and riparian corridors, oak woodlands, wetlands, and adjacent grassland areas.

Goal 2: Maintain healthy and well-managed habitat areas in conjunction with one-another, maximizing the potential for compatible open space, recreation, and visual experiences.

Goal 3: Protect special-status species and other species that are sensitive to human activities.

2.5.2. City of Roseville Tree Ordinance

The City of Roseville regulates the removal of or impact to protected trees under Chapter 19.66 of the Roseville Municipal Code. Protected trees are defined as any native oak tree, valley oak (*Quercus lobata*), interior live oak (*Quercus wislizeni*), blue oak (*Quercus douglasii*), or hybrid of these species, with a trunk diameter equal to or greater than six inches at breast height (DBH), which is at 54” above grade. No work that might impact the tree, including grading, trenching, or irrigation, is allowed within the protected zone of a protected tree, defined as the dripline radius plus one foot, without a tree permit. No permit is required for the removal of a protected tree under the following situations:

1. Trees damaged by thunderstorm, windstorm, flood, earthquake, fire or other natural cause and determined by a peace officer, fire fighter, public utility official, civil defense official or city code enforcement officer, acting in his or her official capacity, to present a danger to persons or property. Upon discovery of a condition justifying removal, the officer or official making the determination shall immediately provide written notification of the condition and action taken to the planning director.
2. When removal is determined to be necessary by fire department personnel actively engaged in fighting a fire.
3. When compliance would interfere with activities of a public utility necessary to comply with applicable safety regulations and/or necessary to repair or avoid the interruptions of services provided by such a utility. Unless there is an imminent threat to the public health, safety or welfare, the Planning Director shall be notified prior to the removal by a public utility of a protected tree.
4. The Planning Director may allow removal of a protected tree which has been certified by an arborist to be a dead tree. An arborist-certified dead tree may be removed without any replacement or mitigation requirements.
5. A protected tree located on property developed with a single-family or two-family dwelling which has been granted occupancy.
6. When a protected living tree presents a hazard to health and safety or structures due to its structural condition and location, the tree may be removed without any replacement or mitigation requirements. The hazardous condition of the tree must be determined by an arborist. The Planning Director must review the arborist's determination and consider the location of the protected tree prior to approving removal.

3.0 METHODS

Available information pertaining to the natural resources of the region was reviewed. All references reviewed for this assessment are listed in the **References** section. The following site-specific information was reviewed:

- California Department of Fish and Wildlife (CDFW). 2018. *California Natural Diversity Data Base (Citrus Heights, Folsom, Buffalo Creek, Carmichael, Pleasant Grove, Rio Linda, Sacramento East, Roseville, and Rocklin quadrangles U.S. Geological Survey (USGS) 7.5-minute series quadrangles)*, Sacramento, CA. [Accessed on 10/11/2018];
- California Native Plant Society (CNPS). 2017. *Inventory of Rare and Endangered Plants* (online edition, v8-03 0.39) (*Citrus Heights, Folsom, Buffalo Creek, Carmichael, Pleasant Grove, Rio Linda, Sacramento East, Roseville, and Rocklin quadrangles*). [Accessed on 12/19/2017];
- U.S. Fish and Wildlife Service (USFWS). 2017. *Information for Planning and Conservation (IPaC) Trust Resource Report: Huntington Senior Apartments, Roseville, Placer County, California*. [Accessed on 12/19/2017];
- U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). 2017. *Web Soil Survey*. Available online at: <http://websoilsurvey.sc.egov.usda.gov>. Accessed [12/19/2017];
- U.S. Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS). 1980. *Placer County, California – Western Part*. USDA, NRCS, in cooperation with the Regents of the University of California (Agricultural Experiment Station); and
- U.S. Geological Survey (USGS). 2015. *Citrus Heights, California*. 7.5-minute series topographic quadrangle. United States Department of Interior.

Prior to conducting the site survey, existing information was reviewed and the results of the records search and five-mile radius California Natural Diversity Database (CNNDDB) query were summarized in a table (**Appendix A**). The field survey of the Study Area was conducted on December 27, 2017. The weather was partly cloudy with temperatures ranging from approximately 43 to 50 degrees Fahrenheit. The Study Area was systematically surveyed on foot with binoculars to ensure total search coverage, with special attention given to identifying those portions of the Study Area with the potential for supporting special-status species and sensitive habitats. During the field surveys, the biologists recorded plant and wildlife species observed (**Appendix B**), as well as characterized biological communities occurring onsite. Following the site survey, the potential for each species identified in the records search to occur in the Study Area was determined based on the site surveys, soils, and species-specific information.

Additionally, a tree survey was conducted on the site. The detailed results are contained under separate cover, but are summarized in this report.

4.0 RESULTS

4.1. *Site Location and Description*

The ±3.34-acre Study Area is located in the City of Roseville in Placer County, California along Huntington Drive, south of Douglas Boulevard and west of Rocky Ridge Drive. Land uses immediately surrounding the Study Area include single-family residential development to the south and west, a small area of undeveloped oak woodland to the northeast, and commercial/professional development to the northwest and northeast, adjacent to the off-site oak woodland. The Study Area is bounded on the north and west by Huntington Drive, on the east by Strauch Drive, and on the south by residential development. The Study Area is located within Township 10 North, Range 7 East, Section 7 of the USGS 7.5-minute series *Citrus Heights* quadrangle. The approximate location of the center of the Study Area is 38° 44' 32.459" North, 121° 15' 17.824" West (**Figure 1**).

4.2. *Physical Features*

4.2.1. Topography and Drainage

The topography of the Study Area is generally undulating along the outside borders, giving rise to an eroded soil mound in the center of the Study Area composed of sandy soils dominated by non-native grasses. Elevations range from approximately 170 feet (52 meters) above MSL in the southeast to 198 feet (60 meters) MSL in the center of the Study Area. A perennial drainage occurs approximately 40 feet to the east of the Study Area, off-site, running north to south and paralleling the southeastern boundary of the Study Area. This feature exhibits a defined bed and bank and an ordinary high-water mark, and therefore, may be considered a jurisdictional feature.

The Study Area is located in the Linda Creek-Cirby Creek Sub-Watershed Hydrologic Unit Code (HUC) 12-180201110105. In general, the site drains to the south and southeast, and water conveyed through this sub-watershed drains into Cirby Creek, followed by drainage into Dry Creek and ultimately to the Sacramento River, a navigable water of the U.S.

4.2.2. Soils

The Natural Resources Conservation Service (NRCS) mapped two soil units within the Study Area (**Figure 2**): **Cometa-Fiddymment Complex, 1 to 5 Percent Slopes** and **Inks-Exchequer Complex, 2 to 25 Percent Slopes**. The general characteristics and properties associated with these soils are described below (USDA, NRCS 1980 and 2017).

- **(141) Cometa-Fiddymment Complex, 1 to 5 Percent Slopes:** This soil complex is found on low terraces at an elevation of 75 to 200 feet above MSL. The Cometa series is a deep, well drained claypan soil that formed in alluvium, mainly from granitic sources. Permeability is very slow and surface runoff is slow. The hazard of erosion is slight. The Fiddymment series is a moderately deep, well-drained soil over a hardpan formed in old valley siltstone. Permeability is very slow and surface runoff is slow. The hazard of

erosion is slight. Typically, vegetation on this soil unit consists mainly of non-native grasses and herbaceous plant species. The hydric soils list for Placer County identifies one hydric inclusion occurring within this soil type: Alamo, located within depressions. This soil type covers a majority of the Study Area.

- **(154) Inks-Exchequer Complex, 2 to 25 Percent Slopes:** This soil unit is on long, broad volcanic ridges and side slopes at elevations of 200 to 1,200 feet above MSL. The Inks series is a shallow, well-drained cobbly soil that formed in residuum from andesitic conglomerate. Permeability is moderate and surface runoff is medium. The hazard of erosion is slight or moderate. The Exchequer series is a shallow, somewhat excessively-drained and stony soil that formed in residuum from hard andesitic breccia. Permeability is moderate and surface runoff is medium. The hazard of erosion is slight or moderate. Natural vegetation for this complex is annual grasses, forbs, and blue and live oak. The hydric soils list for Placer County identifies one hydric inclusion occurring within this soil type: Alamo variant, located within depressions. This soil type is located in the northwestern portion of the Study Area.

4.3. *Biological Communities*

Four major biological communities, including non-native annual grassland, disturbed/developed, mixed oak woodland, and riparian habitat occur within the Study Area. These communities provide habitat to a number of common species of wildlife and may provide suitable habitat for special-status species. A comprehensive list of plants and wildlife observed within the Study Area is provided in **Appendix B**. The location and extent of each biological community are depicted in **Figure 3**. Representative site photographs are included in **Appendix C**.

4.3.1. Non-Native Annual Grassland

A total of 1.74 acres of non-native annual grassland exists within the Study Area and is characterized primarily by an assemblage of non-native grasses and herbaceous species. Dominant vegetation present within the annual grassland within the Study Area includes wild oat (*Avena fatua*), ripgut brome (*Bromus diandrus*), soft brome (*Bromus hordeaceus*), long-beaked filaree (*Erodium botrys*), Italian rye grass (*Festuca perennis*), dove's foot geranium (*Geranium molle*), rose clover (*Trifolium hirtum*), and winter vetch (*Vicia villosa*).

Annual grassland habitat supports breeding, foraging, and shelter habitat for several species of wildlife. No wildlife was observed within this community during the December 2017 survey. Species expected to occur within this community includes red-tailed hawk (*Buteo jamaicensis*), black-tailed jackrabbit (*Lepus californicus*), and gopher snake (*Pituophis melanoleucus*).

4.3.2. Disturbed/Developed

Disturbed/developed areas occur throughout much of the Study Area and comprises approximately 1.01 acres. Disturbed/developed areas include a network of dirt roads traversing the Study Area and includes a soil mound. Soil composition of this soil mound is coarse, sandy, soils that are not consistent with the native soils within the Study Area. Multiple upland

erosional swales cover this feature on all sides (**Appendix C**). Vegetation within this community is sparse or non-existent, and where present, is similar to those species described in **Section 4.3.1**.

4.3.3. Mixed Oak Woodland

A total of 0.58 acres of mixed oak woodland occurs within the Study Area. This vegetative community is characterized primarily by blue oaks (*Quercus douglasii*) and interior live oaks (*Quercus wislizeni*) interspersed with almond (*Prunus dulcis*), potentially from a remnant orchard. The herbaceous understory consists of Italian rye, miner's lettuce (*Claytonia parviflora*), dove's foot geranium, rose clover, and winter vetch.

Mixed oak woodland habitat supports breeding, foraging, and shelter habitat for several species of wildlife. Species observed in the Study Area within this community included California scrub jay (*Aphelocoma californica*), acorn woodpecker (*Melanerpes formicivorus*), northern mockingbird (*Mimus polyglottos*), and mourning dove (*Zenaida macroura*).

4.3.4. Riparian

A total of approximately 0.01 acres of riparian habitat occurs along the southeastern boundary of the Study Area. This vegetative community is dominated by red willow (*Salix laevigata*) and Himalayan blackberry (*Rubus armeniacus*). This habitat is associated with the off-site perennial drainage mentioned in **Section 4.2.1**.

Riparian habitat supports breeding, foraging, and shelter habitat for several species of wildlife. Species observed in the Study Area within this community included: black-tailed jackrabbit, scrub jay, Anna's hummingbird (*Calypte anna*), and black phoebe (*Sayornis nigricans*).

4.4. Special-Status Species

Special-status species are plant and animal species that have been afforded special recognition by federal, State, or local resource agencies or organizations. Listed and special-status species are of relatively limited distribution and may require specialized habitat conditions. Special-status species are defined as meeting one or more of the following criteria:

- Listed or proposed for listing under CESA or FESA;
- Protected under other regulations (e.g. Migratory Bird Treaty Act);
- Included on the CDFW Special Animals List;
- Identified as Rank 1 to 4 by CNPS; or
- Receive consideration during environmental review under CEQA.

Special-status species considered for this analysis are based on queries of the CNDDDB, the USFWS, and CNPS ranked species (online versions) for the *Citrus Heights* and eight surrounding quadrangles. **Appendix A** includes the common name and scientific name for each species, regulatory status (federal, State, local, CNPS), habitat descriptions, and potential for occurrence

in the Study Area. The following set of criteria has been used to determine each species' potential for occurrence in the Study Area:

- **Present:** Species known to occur within the Study Area based on CNDDDB records and/or observed within the Study Area during the biological surveys.
- **High:** Species known to occur on or in the vicinity of the Study Area (based on CNDDDB records within five miles and/or based on professional expertise specific to the Study Area or species) and there is suitable habitat within the Study Area.
- **Low:** Species known to occur in the vicinity of the Study Area and there is marginal habitat within the Study Area **-OR-** Species is not known to occur in the vicinity of the Study Area, however, there is suitable habitat on the Study Area.
- **None:** Species is not known to occur on or in the vicinity of the Study Area and there is no suitable habitat within the Study Area **-OR-** Species was surveyed for during the appropriate season with negative results **-OR-** The Study Area occurs outside of the known elevation or geographic ranges.

Only those species that are known to be *present* or have a *high* or *low* potential for occurrence are discussed further in the following sections.

4.4.1. Listed and Special-Status Plants

According to the records search, 14 special-status plant species have the potential to occur on or in the vicinity of the Study Area. Based on field observations and literature review, no special-status plant species were determined to have the potential to occur within the Study area (**Appendix A**).

4.4.2. Listed and Special-Status Wildlife

According to the records search, 36 special-status wildlife species have the potential to occur on or in the vicinity of the Study Area. Based on field observations and literature review, 10 species were determined to have the potential for occurrence to occur in the Study Area. Species that are considered to have a *high* potential to occur within the Study Area include pallid bat, purple martin, Cooper's hawk, white-tailed kite, silver-haired bat, western spadefoot, and western pond turtle. Species that are considered to have a *low* potential to occur within the Study Area include grasshopper sparrow and song sparrow ("Modesto" population).

Wildlife Species with a High Potential for Occurrence

Pallid Bat – California Species of Special Concern

Pallid bat is a California Species of Special Concern. This species is mostly found in desert habitats, including scrub and canyons with rocky outcrops, and in oak woodland, savannah, and riparian habitats generally below 2,000 meters (6,562 feet). Maternity roosts occur in rock crevices, in buildings, and in other man-made structures. Day roosting sites include caves, crevices, mines, and occasionally in hollow trees and buildings, while nighttime roosts may occur in more open areas, such as porches or open buildings (Zeiner *et. al.* 1990). The species

was not observed onsite during the December 2017 biological survey. There is one CNDDDB record of this species listed within five miles of the Study Area (CDFW 2018). The mixed oak woodland within the Study Area provides day roosting habitat for this species. Therefore, this species has a *high* potential to occur within the Study Area.

Silver-Haired Bat – California Species of Special Concern

Silver-haired bat a California Species of Special Concern. This species occurs primarily in forested habitats, often coniferous, which are adjacent to lakes, ponds, or streams, including areas altered by human disturbance. During migration and summer, females roost alone or in maternity colonies, while males roost alone. Breeding occurs in late summer and early fall, and the young are born from June to July. Summer roosts and nursery sites occur in coniferous or deciduous tree foliage, within tree cavities, or under loose bark, and sometimes in buildings. Overwintering sites can include caves, mines, houses, rock crevices, under loose bark and in hollow trees. This species may enter a torpid state during periods of reduced food availability, or may hibernate during winter (NatureServe 2017). The species was not observed onsite during the December 2017 biological survey. There is one CNDDDB record of this species listed within five miles of the Study Area (CDFW 2018). The mixed oak woodland within the Study Area provides roosting habitat for this species. Therefore, this species has a *high* potential to occur within the Study Area.

Nesting Birds

The nests of most birds are protected under the MBTA. Additionally, the USFWS and CDFW identified a number of avian species of conservation concern that do not have specific statutory protection. Avian species forage and nest in a variety of habitats throughout Placer County. The mixed oak woodland and non-native annual grassland within the Study Area provides suitable nesting and foraging habitat for protected birds including purple martin, Cooper's hawk, and white-tailed kite. Purple martin and white-tailed kite have known occurrences within five miles of the Study Area. Cooper's hawk is known to occur in the vicinity and observations of this species often go unreported to the CNDDDB database. Therefore, these species have a *high* potential to occur within the Study Area. Other migratory bird species that have a *low* potential for occurrence within the Study Area include grasshopper sparrow and song sparrow ("Modesto" population).

Western Pond Turtle – California Species of Special Concern

Western pond turtle is a California Species of Special Concern. This species is typically found along quiet streams and ponds with basking sites and muddy bottoms, feeding on aquatic plants, fishes, and invertebrates (Zeiner *et al.* 1988 and Rosenberg *et al.* 2009). They are generally associated with permanent or nearly permanent water sources (Californiaherps 2017) and prefer areas of deep water with low velocity and high temperatures (Reese and Hartwell 1997). Upland habitats adjacent to creeks and ponds are used throughout the year for nesting and overwintering. Turtles may also overwinter within a pond by burrowing into the mud on the pond bottom (Californiaherps 2017 and Riensche *et al.* 2013). Although studies have shown that the typical terrestrial use area can extend up to 500 meters from the edge of the aquatic habitat, the weighted average of recorded terrestrial use is 94 meters, or approximately 300

feet from suitable aquatic habitat. Western pond turtles prefer to overwinter in areas with moderate woody vegetation and leaf litter, and are unlikely to use annual grasslands (Reese and Hartwell 1997, Davis 1998, Pilliod *et al.* 2013). Eggs are laid between May and August and hatch in approximately 80 days. Hatchlings often stay in or around the nest through the winter. Nests are generally found within 30 meters (100 feet) of water in areas with little vegetative cover and good sun exposure (Rathbun *et al.* 2002). Little is known about dispersal patterns of western pond turtles, but genetic analysis shows most movement is along drainages (Riensch *et al.* 2013). This species was not observed during the December 2017 biological survey. The riparian habitat, mixed oak woodlands, and non-native annual grassland within the Study Area provide upland, wintering habitat for the species. Additionally, the off-site perennial drainage provides suitable aquatic habitat and therefore potential access to the Study Area. There is one CNDDDB record for this species listed within five miles of the Study Area (CDFW 2018). Therefore, this species has a *high* potential to occur within the Study Area.

Western Spadefoot – California Species of Special Concern

Western spadefoot (*Spea hammondi*) occurs throughout the Central Valley and on the coast from Point Conception, south to the Mexican border. This species occurs from sea level up to 4,500 feet above MSL in the southern Sierra foothills. Western spadefoot individuals are most commonly found in grassland habitats with temporary pools of water, but they have also been found in open chaparral and valley-foothill pine-oak woodlands (Stebbins 2003). This species spends most of the year underground, where members seek refuge from desiccation by constructing and residing in small burrows. This species often breeds in temporary pools and quiet streams between the months of January and May that remain inundated for at least six weeks. The annual grassland and associated burrows within the Study Area provide aestivation habitat for this species. There are three CNDDDB records of this species listed within five miles of the Study Area (CDFW 2018). Therefore, this species has a *high* potential to occur within the Study Area.

4.5. Sensitive Habitats

Sensitive habitats include those that are of special concern to resource agencies or those that are protected under CEQA, Section 1600 of the California Fish and Game Code, which include riparian areas, and/or Sections 401 and 404 of the Clean Water Act, which include wetlands and other waters of the U.S. Additionally, sensitive habitats, including oak trees and oak woodland habitat, are protected under the specific policies outlined in the City of Roseville Tree Ordinance.

4.5.1. Mixed Oak Woodland

As mentioned previously, the Study Area contains mixed oak woodlands throughout the Study Area. A total of 0.58 acres of mixed oak woodland was mapped in the Study Area (**Figure 3**). Oak trees are regulated under the City of Roseville Tree Ordinance. A total of 36 protected oak trees, consisting of 23 interior live oaks and 13 blue oaks were inventoried within the Study Area. Detailed tree data is included in a separate Arborist Report prepared by Foothill Associates (2019). A tree permit is required prior to the removal of protected oak trees.

4.5.2. Riparian

A total of approximately 0.01 acres of riparian habitat was mapped within the Study Area (**Figure 3**). As discussed in **Section 2.2**, riparian areas, defined as the outermost bank or the edge of riparian vegetation, whichever is greater, may be subject CDFW jurisdiction under Section 1602 of the Fish and Game Code. The limits of the riparian habitat were mapped as the edge of riparian vegetation adjacent to the off-site perennial drainage, and comprises only a small portion of the Study Area. The current site plan avoids all impacts to riparian habitat (**Figure 4**). Any changes to the current site plan or grading footprint that result in impacts to mapped riparian habitat may require preparation of a streambed notification for submittal to CDFW to determine if riparian areas onsite are regulated by CDFW. CDFW should be consulted prior to disturbance or development within the riparian area to determine whether issuance of a Streambed Alteration Agreement is required.

4.5.3. Wildlife Migration Corridors

Wildlife corridors link together areas of suitable wildlife habitat that are otherwise separated by rugged terrain, changes in vegetation, or human disturbance. The fragmentation of open space areas by urbanization creates isolated "islands" of wildlife habitat. Fragmentation can also occur when a portion of one or more habitats is converted into another habitat, such as when woodland or scrub habitat is altered or converted into grasslands after a disturbance such as fire, mudslide, or grading activities. Wildlife corridors mitigate the effects of this fragmentation by: (1) allowing animals to move between remaining habitats, thereby permitting depleted populations to be replenished and promoting genetic exchange; (2) providing escape routes from fire, predators, and human disturbances, thus reducing the risk of catastrophic events (such as fire or disease) on population or local species extinction; and (3) serving as travel routes for individual animals as they move within their home ranges in search of food, water, mates, and other needs. Although some species may travel along the perennial drainage corridor, the overall Study Area does not link two significant natural areas and is surrounded by similar habitat types within a largely developed area; therefore, it is not considered a wildlife migration corridor.

5.0 CONCLUSIONS

As discussed, the Study Area comprises approximately 1.74 acres of non-native annual grassland, 1.01 acres of disturbed/developed area, 0.58 acres of mixed oak woodland, and 0.01 acres of riparian habitat. Sensitive habitats identified within the Study Area include oak woodland and riparian habitat. **Table 1** summarizes the biological communities and expected impacts from the Proposed Project. Proposed project impacts are shown in **Figure 4**.

TABLE 1 — IMPACTS TO BIOLOGICAL COMMUNITIES

Biological Communities	Impacted Acreage	Preserved Acreage	Total Acreage
Non-Native Annual Grassland	1.71	0.03	1.74
Mixed Oak Woodland	0.56	0.02	0.58
Riparian	-	0.01	0.01
Disturbed/Developed	1.00	0.01	1.01
Total¹	3.27	0.07	3.34

¹ Acreages are calculated to four significant figures and subsequently rounded to two significant figures.

Known or potential biological constraints within the Study Area include the following:

- Potential aestivation habitat for western pond turtle and western spadefoot;
- Potential roosting and foraging habitat for pallid bat and silver-haired bat;
- Potential nesting and foraging habitat for migratory birds and other birds of prey including: Cooper's hawk, grasshopper sparrow, white-tailed kite, song sparrow ("Modesto" population), and purple martin;
- Riparian habitat; and
- Protected oak trees.

5.1. Recommendations

5.1.1. Special-Status Reptiles and Amphibians

Special-status amphibians and reptiles have the potential to aestivate within the Study Area. A qualified biologist should conduct a pre-construction survey for special-status amphibian and reptile species including western pond turtle and western spadefoot within 14 days prior to ground-disturbing activities including, vegetation clearing and removal of trees, and grading operations.

If no special-status amphibians or reptiles are observed, then a letter report should be prepared to document the survey, and no additional measures are recommended. If construction does

not commence within 14 days of the pre-construction survey, or halts for more than 14 days, an additional survey is required prior to starting work.

If western spadefoot or western pond turtles are found, then a qualified biologist should conduct an environmental worker awareness training to all construction personnel. The training should include identification of the special-status species, required practices before the start of construction, general measures that are being implemented to conserve the species as they relate to the project, penalties for non-compliance, and boundaries of the Study Area and of the permitted disturbance zones. Supporting materials containing training information should be prepared and distributed. Upon completion of training, all construction personnel should sign a form stating that they have attended the training and understand all the measures. Proof of this instruction should be kept on file with the project proponent. The project proponent should provide CDFW with a copy of the training materials and copies of the signed forms by project staff indicating that training has been completed within 30 days of the completion of the first training session.

Furthermore, a qualified biologist should be present on-site during initial ground-clearing and grading activities for the purpose of relocating any special-status reptile or amphibian species found within the construction footprint to suitable habitat away from the construction zone.

5.1.2. Special-Status Bats

Special-status bats have the potential to roost and forage within the Study Area. A qualified biologist should conduct a pre-construction survey for special-status bat species, including pallid bat and silver haired bat, within 14 days prior to ground-disturbing activities including vegetation clearing and removal of trees, and grading operations. This can be conducted in combination with a pre-construction nesting bird survey. If no bats are observed, a letter report should be prepared to document the survey, and no additional measures are recommended. If construction does not commence within 14 days of the pre-construction survey, or halts for more than 14 days, an additional survey is required prior to starting work.

If special-status bats are present and roosting on or within 100 feet of the proposed project footprint, then the biologist should establish an appropriate buffer around the roost site prior to construction. Because the oak woodland continues off-site to the south, buffers may be limited to the property boundary and, if necessary, will be established by the conducting biologist at the time of the survey. At a minimum, no trees should be removed until the biologist has determined that the bat is no longer roosting in it. Additional mitigation measures for bat species, such as installation of bat boxes or alternate roost structures, would be recommended only if special-status bat species are found to be roosting within the proposed project area. In addition, a pre-construction environmental worker awareness training should be conducted alerting workers to the presence of and protections for various bat species.

5.1.3. Migratory Birds

Several special-status species of migratory birds have the potential to forage and nest in the Study Area, including Cooper's hawk, grasshopper sparrow, white-tailed kite, song sparrow

("Modesto" population), and purple martin. Active nests are protected by the California Fish and Game Code Section 3503.5 and the MBTA. Ground-disturbing activities including vegetation clearing and tree removal could impact nesting birds if these activities occur during the nesting season (February 15 to August 31). All vegetation clearing including removal of trees and shrubs should be completed between September 1 and February 14, if feasible.

If construction activities within the Study Area begin during the nesting season (February 15 to August 31), a qualified biologist should conduct a pre-construction survey of the project footprint, where accessible, for active nests. Additionally, the surrounding 500 feet should be surveyed for active raptor nests, where accessible. Binoculars may be needed in order to survey areas outside of the Study Area and to remain within the property boundaries. The pre-construction survey should be conducted within 14 days prior to commencement of ground-disturbing activities. If the pre-construction survey shows that there is no evidence of active nests, a letter report should be prepared to document the survey, and no additional measures are recommended. If construction does not commence within 14 days of the pre-construction survey, or halts for more than 14 days, an additional survey is required prior to starting work.

If nests are found and considered to be active, the project biologist should establish buffer zones to prohibit construction activities and minimize nest disturbance until the young have successfully fledged. Buffer width will depend on the species in question, surrounding existing disturbances, and specific site characteristics, but may range from 20 feet for some songbirds to 250 feet for most raptors. If active nests are found within any trees slated for removal, then an appropriate buffer should be established around the trees and the trees should not be removed until a biologist determines that the nestlings have successfully fledged. In addition, a pre-construction worker awareness training should be conducted alerting workers to the presence of and protections for the active avian nests.

If construction activities begin during the non-breeding season (September 1 through January 31), a survey and training is not required and no further studies are necessary.

5.1.4. Riparian Habitat

Proposed construction activities will avoid all impacts to riparian habitat within the Study Area (**Figure 4**). If, it is later determined that riparian habitat cannot be avoided, it is recommended that a Streambed Alteration Agreement (SAA) application be submitted to CDFW, pursuant to Section 1600 of the California Fish and Game Code, for any activities affecting riparian vegetation. If required, the project proponent should coordinate with CDFW in developing appropriate mitigation, and should abide by the conditions of any executed permits.

High-visibility protective fencing should be placed along the avoided riparian habitat within the Study Area, facing the Project Site, for the duration of work. No work should be performed within this fencing.

5.1.5. Oak Trees

The Proposed Project would result in the removal of 33 protected oak trees within the Study Area. Three protected oak trees will be preserved during project construction. To mitigate for the loss of oak woodlands associated with the project, a combination of avoidance, protection, and on- or off-site replacement where feasible, is recommended. Tree protection measures should be implemented around trees to remain in the Study Area as detailed in the Arborist Report prepared for the project (Foothill Associates 2019).

5.2. *Summary of Avoidance and Minimization Measures*

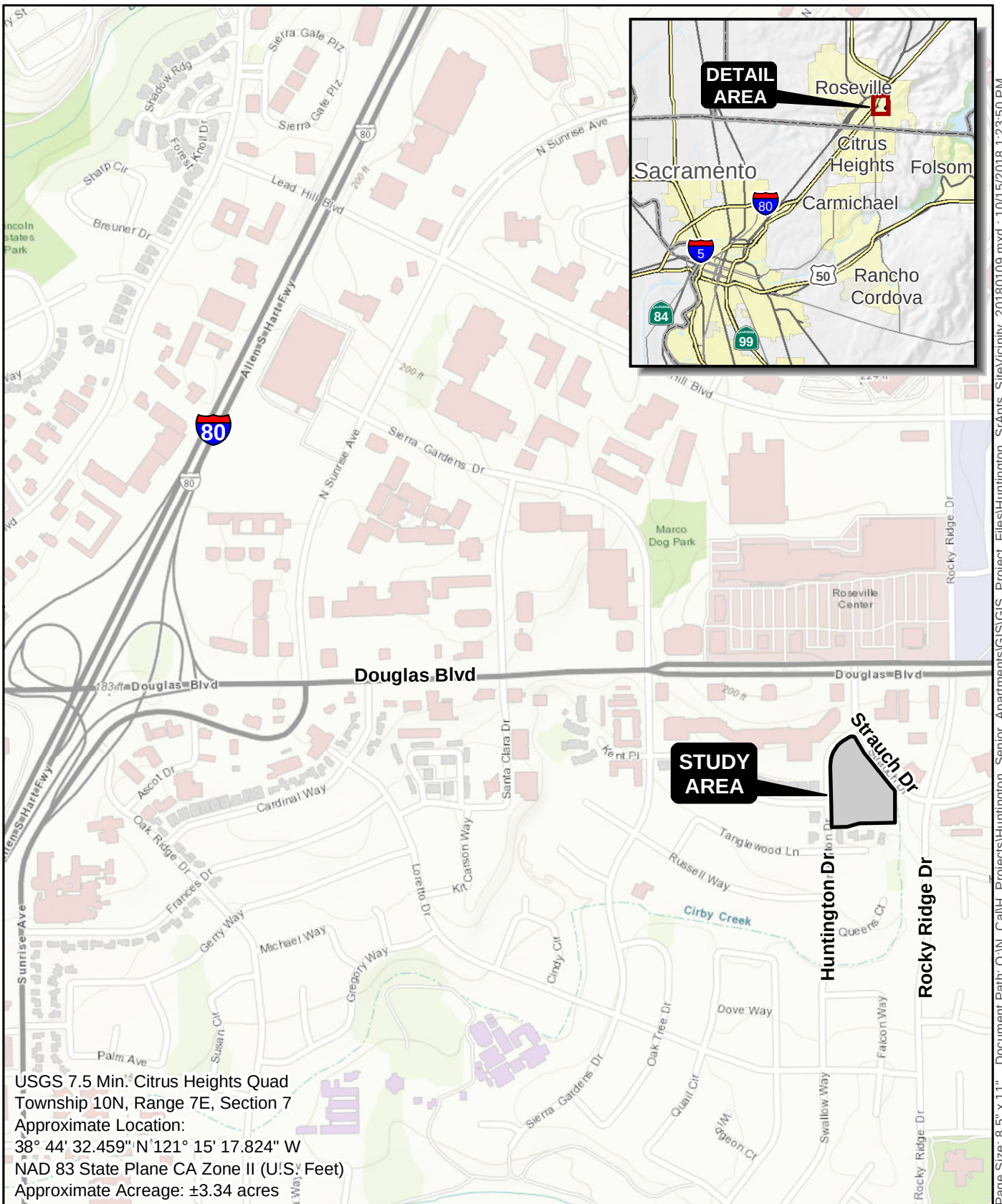
- Conduct one pre-construction survey for special-status bats and nesting birds (as applicable) within 14 days prior to the start of construction within the limits of the Study Area, where accessible;
- Conduct one pre-construction survey for special-status reptile and amphibian species within 14 days prior to the start of construction within the limits of the Study Area, where accessible;
- Conduct environmental worker awareness training for special-status bats, western spadefoot, western pond turtle, and nesting migratory birds, prior to the start of construction, if needed;
- Install high-visibility protective fencing along the riparian boundary within the Study Area, as close as possible to the project's limits of disturbance, to avoid impacts to sensitive habitat and special-status species that may utilize this habitat including western spadefoot and western pond turtle; and
- Implement oak tree mitigation according to City of Roseville tree ordinance and implement tree protection measures for avoided oak trees, as outlined in the Arborist Report, during construction.

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SITE AND VICINITY

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 Feet
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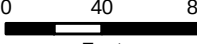
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 QA/QC: SLK
 Date: 10/15/2018

FIGURE 1



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SOILS

 FOOTHILL ASSOCIATES ENVIRONMENTAL CONSULTING • PLANNING • LANDSCAPE ARCHITECTURE © 2019		 0 40 80 Feet 1 : 960	Drawn By: MUB QA/QC: SLK Date: 10/15/2018	FIGURE 2
--	---	---	---	-----------------

STUDY AREA
 ±3.34 ACRES

Huntington Dr

Strauch Dr

Legend



Study Area

Biological Communities



Annual Grassland - 1.74 Acres



Mixed Oak Woodland - 0.58 Acres



Riparian - 0.01 Acres



Disturbed/Developed - 1.01 Acres

BIOLOGICAL COMMUNITIES



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0 40 80
 Feet
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Drawn By: MUB
 QA/QC: SLK
 Date: 10/15/2018

FIGURE 3

STUDY AREA
±3.34 ACRES

Huntington Dr

Strauch Dr

Other Features

— Proposed Project

[] Study Area

IMPACTS TO BIOLOGICAL COMMUNITIES

Classification		*IMPACTED ACREAGE		*AVOIDED ACREAGE	*TOTAL
Annual Grassland		1.71		0.03	1.74
Mixed Oak Woodland		0.56		0.02	0.58
Riparian		-		0.01	0.01
Disturbed/Developed		1.00		0.01	1.01
*TOTAL:		3.27		0.07	3.34

*Acreages are calculated to four significant figures and subsequently rounded to two significant figures.

IMPACTS TO BIOLOGICAL COMMUNITIES



Appendix A — Regionally Occurring Listed and Special-Status Species

Regulatory Status Legend

FE = Federal endangered	CE = California state endangered	1A = plants presumed extinct in California
FT = Federal threatened	CT = California state threatened	1B = plants rare, threatened, or endangered in California and elsewhere
FC = Federal candidate	CCE = California candidate endangered	2 = plants rare, threatened, or endangered in California, but common elsewhere
PT = Federal proposed threatened	CCT = California candidate threatened	3 = plants about which we need more information
FPD = Federal proposed for delisting	CFP = California fully protected	4 = plants of limited distribution
FD = Federal delisted	CD = California delisted	
FSC = Federal Species of Concern	CSC = California Species of Special Concern	
	CSA = California Special Animals List	
	CR = California state rare	

Table 1 — Legally Protected Species

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Plants				
Boggs Lake hedge-hyssop <i>Gratiola heterosepala</i>	--; CE; --; 1B	Annual herb found on clay soils in vernal pools, marshes, and swamps, occasionally along the lake margins, from 10 to 2,375 meters.	Blooming period: April – August	None ; the Study Area does not provide suitable habitat for this species. Four CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Sacramento Orcutt grass <i>Orcuttia californica</i> var. <i>viscida</i>	FE; CE; --; 1B	Annual herb found in vernal pools from 20-100 meters.	Blooming period: April – Jul(Sep)	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Slender Orcutt grass <i>Orcuttia tenuis</i>	FT; CE; 1B	Annual herb found in vernal pools that are often gravelly, from 35 to 1,760 meters.	Blooming period: May – October	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Invertebrates				
Conservancy fairy shrimp <i>Branchinecta conservatio</i>	FE; --; --; --	Found in large vernal pools (30 to 356,253 sq. meters) of varying soils and geology.	USFWS protocol-level wet-season sampling and/or dry season cyst identification.	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>	FT; --; --; --	Sole hosts are elderberry (<i>Sambucus</i> sp.) shrubs usually associated with riparian areas. This species is known from portions of the Central Valley of California	Adults emerge in spring until June Exit holes visible year – round	None ; there were no elderberry shrubs identified within the Study Area during the December 2018 site survey. Five CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>	FT; --; --; --	Inhabits vernal pools, swales, and ephemeral freshwater habitat. Known from Alameda, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Kings, Madera, Merced, Monterey, Napa, Placer, Riverside, Sacramento, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Ventura, Yolo, and Yuba counties.	USFWS protocol-level wet-season sampling and/or dry season cyst identification	None ; the Study Area does not provide suitable habitat for this species. There are 17 CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Vernal pool tadpole shrimp <i>Lepidurus packardii</i>	FE; --; --; --	Inhabits vernal pools, swales, and ephemeral freshwater habitat. Known from Alameda, Butte, Colusa, Contra Costa, Fresno, Glenn, Kings, Merced, Placer, Fresno, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Yolo, and Yuba counties.	USFWS protocol-level wet-season sampling and/or dry season cyst identification.	None ; the Study Area does not provide suitable habitat for this species. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Fish				
Central Valley steelhead DPS <i>Oncorhynchus mykiss irideus</i>	FT; --; --; --	Found in cool, clear, fast-flowing permanent streams and rivers with riffles and ample cover from riparian vegetation or overhanging banks. Spawning occurs in streams with pool and riffle complexes. The species requires cold water and gravely streambed to successfully breed. Spawn in the Fresno and San Joaquin rivers and tributaries before migrating to the Delta and Bay Area.	Spawns in winter and spring	None ; the Study Area does not provide suitable habitat for this species. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Delta smelt <i>Hypomesus transpacificus</i>	FT; CE; --; --	Found in estuarine waters. Majority of life span is spent within the freshwater outskirts of the mixing zone (saltwater-freshwater interface) within the Delta.	December – July (Spawn) Year – round (Present in delta)	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Amphibians/ Reptiles				
California red-legged frog <i>Rana draytonii</i>	FT; CSC; --; --	Requires a permanent water source and is typically found along quiet, slow-moving streams, ponds, or marsh communities with emergent vegetation. Breeding sites are in aquatic habitats including pools and backwaters within streams and creeks, ponds, marshes, springs, sag ponds, dune ponds and lagoons from 0 to 1,500 meters. Additionally, frequently breed in artificial impoundments such as stock ponds. Typically found in or within 300 feet of aquatic habitat, but may disperse up to two miles between suitable aquatic habitat. Elevational range extends from sea level to about 1,500 meters (5,000 ft.), but typically occur below 1,200 meters (3,935 ft.).	Breeding: November – March Non-breeding: June – August	None ; although the Study Area provides marginal upland habitat for this species, it is fragmented on all sides by development. Additionally, the Study Area is located on the very fringe of the known range of this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
California tiger salamander <i>Ambystoma californiense</i>	CT; FT	Breeds in vernal pools and seasonal ponds in grasslands and oak savannas. Adults spend summer in small mammal burrows.	March – June	None ; the Study Area does not provide suitable habitat for this species and is outside of its known range. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Giant garter snake <i>Thamnophis gigas</i>	FT; CT	Found in agricultural wetlands and other wetlands such as irrigation and drainage canals, low gradient streams, marshes, ponds, sloughs, small lakes, and their associated uplands in Sacramento, Sutter, Butte, Colusa, and Glenn counties.	Active outside of dormancy period November-mid March	None ; although the Study Area provides marginal upland habitat for this species, it is fragmented on all sides by development. Additionally, the Study Area is located within the furthest limits of the known range of this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Birds				
Bank swallow <i>Riparia riparia</i>	--; CT; --; --	Colonial breeder found in open and partly open situations, frequently near flowing water. Nests on steep sand, dirt, or gravel banks, in burrows dug near the top of the bank, along the edge of inland water, or along the coast, or in gravel pits or road embankments.	Breeding: April – September	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
California black rail <i>Laterallus jamaicensis coturniculus</i>	--; CT; --; --	Saltwater, brackish, and freshwater marshes. This species is known from Alameda, Butte, Contra Costa, Imperial, Los Angeles, Marin, Napa, Nevada, Orange, Placer, Sacramento, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, Sutter, and Yuba counties, in California.	Year – round	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Swainson’s hawk <i>Buteo swainsoni</i>	--; CT; --; --	Nest peripherally in valley riparian systems, lone trees or groves of trees in agricultural fields. Valley oak, Fremont cottonwood, walnut, and large willow trees, ranging in height from 41 to 82 feet, are the most commonly used nest trees in the Central Valley.	Breeding: March – October	None ; although the Study Area contains annual grassland, the site is highly disturbed and not large enough to be considered foraging habitat for this species. Additionally, the Study Area is on the very fringe of the known range of this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Western yellow-billed cuckoo <i>Coccyzus americanus occidentalis</i>	FT; CE; --; --	Found in woodlands, thickets, orchards, and streamside groves. Breeds mostly in dense deciduous stands, including forest edges, tall thickets, dense second growth, overgrown orchards, scrubby oak woods. Often found in willow groves around marshes. In the west, mostly in streamside trees, including cottonwood-willow groves in arid country.	Late Spring – Early Fall	None ; the Study Area is outside of the known range of this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Tricolored blackbird <i>Agelaius tricolor</i>	--; CCE; CSA; --	Breeding habitat is freshwater marshes that include cattails, tules, bulrushes and sedges. Nests are made in the dense vegetation of the marsh or thickets, and sometimes on the ground. In migration and winter, will inhabit open cultivated lands and pastures as well as marshes.	Year – round	None ; because of the small size and degree of fragmentation, the Study Area does not provide suitable nesting or foraging habitat for this species One CNDDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Note: Table 1 includes federal threatened or endangered species and eagles, and State threatened, endangered, or fully protected species.				

Table 2 — Species Subject to CEQA Review

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Plants				
Ahart's dwarf rush <i>Juncus leiospermus</i> var. <i>ahartii</i>	1B	Annual herb found in mesic areas in valley and foothill grasslands from 30 to 229 meters.	Blooming period: April – August	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Big-scale balsamroot <i>Balsamorhiza macrolepis</i>	--; --; --; 1B	Perennial herb found sometimes in serpentine soils within chaparral, cismontane woodland, and valley and foothill grassland habitats from 90 to 1,555 meters.	Blooming period: March – June	None ; the Study Area does not provide suitable soils and is outside of the known elevational range of this species. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Dwarf downingia <i>Downingia pusilla</i>	--; --; 2B	An annual herb found in mesic areas within valley and foothill grassland and vernal pool habitats from 1 to 445 meters.	Blooming period: March – May	None ; the Study Area does not provide suitable habitat for this species. Nine CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Hispid bird's-beak <i>Chloropyron molle</i> ssp. <i>hispidum</i>	--; --; 1B	An annual hemiparasitic herb found in alkaline soils within meadows and seeps, playas, and valley and foothill grassland from 1 to 155 meters.	Blooming period: June – September	None ; the Study Area does not provide the soils required for this species. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Legenere <i>Legenere limosa</i>	1B	Annual herb found in vernal pools from 1 to 880 meters.	Blooming period: April – June.	None ; the Study Area does not provide suitable habitat for this species. One CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Pincushion navarretia <i>Navarretia myersii</i>	--; --; 1B	Annual herb often found in acidic soils within vernal pools from 20 to 330 meters.	Blooming period: April – May	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Red Bluff dwarf rush <i>Juncus leiospermus</i> var. <i>leiospermus</i>	1B	Annual herb found in vernally mesic areas of chaparral, woodland, meadows and seeps, valley and foothill grassland, and vernal pools from 35 to 1,250 meters.	Blooming period: March – May	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Sanford's arrowhead <i>Sagittaria sanfordii</i>	--; --; 1B	Perennial rhizomatous herb found in marshes and swamps in assorted shallow freshwater areas from 0 to 650 meters.	Blooming period: May – October	None ; the Study Area does not provide suitable habitat for this species. Three CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Invertebrates				
California linderiella <i>Linderiella occidentalis</i>	--; CSA; --; --	Found in a variety of natural, and artificial seasonally ponded freshwater habitats, including vernal pools, swales, ephemeral drainages, stock ponds, reservoirs, ditches, backhoe pits, and ruts caused by vehicular activity.	Wet-season sampling and/or dry season cyst identification	None ; the Study Area does not provide suitable habitat for this species. There are 13 CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Amphibians/Reptiles				
Western pond turtle <i>Emys marmorata</i>	--; CSC; --; --	Typically associated with permanent ponds, lakes, streams, irrigation ditches and canals, and marshes, or pools in intermittent drainages, usually lined with abundant vegetation and either rocky or muddy bottom substrates. Requires aquatic basking sites, such as logs, rocks, cattail mats or exposed banks. Turtles are active from February to November, in which breeding occurs in upland terrestrial habitats close to water sources (approximately 300 feet), in which they will bury themselves under loose soil.	Active: February – November	High ; the Study Area provides suitable wintering habitat for this species within the annual grassland and oak woodland. Habitat is marginal; however, the off-site perennial drainage provides potential access to the Study Area. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Western spadefoot <i>Spea hammondi</i>	--; CSC; --; --	Found in a variety of upland habitats, including lowlands, foothills, grasslands, open chaparral, and pine-oak woodlands. Habitat preferences include shortgrass plains, and sandy or gravelly soils for burrowing (e.g. alkali flats, washes, alluvial fans). Hibernates/aestivates for most of the year underground. During the breeding season are found in temporary rain pools, and slow-moving streams (e.g. areas flooded by intermittent streams).	Breeding: January – May	High ; the Study Area provides aestivation habitat for this species within the burrows in the annual grassland habitat. The offsite perennial drainage provides access to the Study Area. Three CNDDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Birds				
Burrowing owl <i>Athene cunicularia</i>	--; CSC; --; -- (burrowing sites and some wintering sites)	Nests in burrows in the ground, often in old ground squirrel burrows or badger, within open dry grassland and desert habitat. The burrows are found in dry, level, open terrain, including prairie, plains, desert, and grassland with low height vegetation for foraging and available perches, such as fences, utility poles, posts, or raised rodent mounds.	Year – round	None ; although the Study Area contains annual grassland habitat, the site is extremely fragmented with surrounding development, and is located on the fringe of the known year-round range for this species. Additionally, the nearest known occurrence is approximately seven miles away, and this occurrence is 15 years old. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Cooper’s hawk <i>Accipiter cooperii</i>	--; CSC; --; --	Found in cismontane woodland, riparian forest, riparian woodland, and upper montane coniferous forest.	Year – round	High ; the oak woodland and riparian woodland within the Study Area provide habitat for this species. Additionally, this species is known to occur locally and observations often go unreported to the CNDDDB database. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Double-crested cormorant <i>Phalacrocorax auritus</i>	--; CSA; --; --	Found in a wide variety of aquatic habitats including coasts, bays, lakes, rivers, mangrove swamps, reservoirs and inland ponds. Nesting occurs in trees near or over water, on sea cliffs or on the ground on islands.	Year – round	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Ferruginous Hawk <i>Buteo regalis</i>	--; CSA; --; --	Found in prairies, deserts, and open grasslands. This is the largest of North American hawks, with a distinct gray head and rust colored shoulders.	Winter-non-breeding	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Golden eagle <i>Aquila chrysaetos</i>	--; CFP; --; -- (nesting and wintering)	Open and semi-open areas in the mountains up to 12,000 feet in elevation. They are also found in canyon lands, rimrock, terrain, and riverside cliffs and bluffs. Nest are built on cliffs and steep escarpments in grassland, in trees, chaparral, shrubland, forests and man-made structures within vegetated areas.	Year – round	None ; although the Study Area contains annual grassland, the site is highly disturbed and not large enough to be considered foraging habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Grasshopper sparrow <i>Ammodramus savannarum</i>	--; CSC; --; --	Frequents dense, dry, or well drained grassland, especially native grassland. Nests at base of overhanging clump of grass. This species is known from Los Angeles, Mendocino, Orange, Placer, Sacramento, San Diego, San Luis Obispo, Solano, and Yuba counties, in California.	April – July	Low ; the Study Area contains suitable nesting and foraging habitat for this species within the annual grassland. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Great blue heron <i>Ardea herodias</i>	--; CSA; --; --	Inhabits both freshwater and saltwater habitats and forages in grassland and agricultural field. Breeding colonies are located within 2 to 4 miles of feeding areas, often in isolated swamps or on islands, and near lakes and ponds bordered by forests.	Year – round	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Great egret <i>Ardea alba</i>	--; CSA; --; --	Found in marshes, swampy woods, tidal estuaries, lagoons, mangroves, streams, lakes, ponds, fields and meadows. Nests primarily in tall trees, or in woods or thickets near water.	Year – round	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Merlin <i>Falco columbarius</i>	--; CSA; --; --	Non-breeding habitats include a wide variety, such as marshes, deserts, sea coasts, near coastal lakes and lagoons, open woodlands, fields, etc. During winter, may roost in conifer trees.	Winter (non-breeding)	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDDB occurrences documented within five miles of the Study Area (CDFW 2018).

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Osprey <i>Pandion haliaetus</i>	--; CSA; --; --	Found near a water source, either freshwater or salt water, such as coastal estuaries, salt marshes, large lakes, reservoirs, and rivers, where large numbers of fish are present. Sometimes seen in desert habitat during migration.	Winter (Non-Breeding)	None ; the Study Area does not provide suitable habitat for this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Purple martin <i>Progne subis</i>	--; CSC; --; --	Nests in wide variety of open and partly open habitats that are often near water or around towns. Nests in tree cavities, abandoned woodpecker holes, crevices in rocks, and sometimes in bird houses or gourds put up by humans.	Summer (breeding)	High ; the Study Area provides suitable habitat for this species within the oak woodland and riparian area. There is one CNDDB occurrence documented within five miles of the Study Area (CDFW 2018).
Song sparrow ("Modesto" population) <i>Melospiza melodia</i>	--; CSC; --; --	Found in thickets, brush, marshes, roadsides, gardens. Habitat varies over its wide range. In most areas, found in brushy fields, streamsid es, shrubby marsh edges, woodland edges, hedgerows, well-vegetated gardens. Some coastal populations live in salt marshes. Nests in dense streamside brush in southwestern deserts, and in any kind of dense low cover on Aleutian Islands, Alaska.	Year – round	Low ; the Study Area provides suitable nesting and foraging habitat for this species within the oak woodland and riparian habitat. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
White-tailed kite <i>Elanus leucurus</i>	--; CFP; --; -- (nesting)	Inhabit savanna, open woodlands, marshes, desert grassland, partially cleared lands and cultivated fields. Nests in trees, often near a marsh in savanna, open woodland, partially cleared lands, and cultivated fields. Foraging occurs within ungrazed or lightly-grazed fields and pastures.	Year – round	High ; the Study Area provides suitable nesting habitat for this species within the oak woodland and suitable foraging habitat within the annual grassland. Two CNDDB occurrences are documented within five miles of the Study Area (CDFW 2018).
Mammals				
American badger <i>Taxidea taxus</i>	--; CSC; --; --	Found in a variety of grassland, shrublands, and open woodlands throughout California. Suitable burrowing habitat requires friable soil.	Year – round	None ; although the Study Area contains suitable habitat for this species, the site is fragmented on all sides by development. Therefore, it is highly unlikely that this species could utilize the small and fragmented habitat within the Study Area. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Pallid bat <i>Antrozous pallidus</i>	--; CSC; --; --	Mostly are found in desert habitats, including scrub and canyons with rocky outcrops, and in oak woodland, savannah, and riparian habitats up to about 1,800 meters, and generally below 2,000 meters. Maternity roosts in rock crevices, in buildings and other man-made structures. Day roosting sites include caves, crevices, mines, and occasionally in hollow trees and buildings, while nighttime roosts may occur in more open areas, such as porches or open buildings	Year – round	High ; the Study Area provides suitable roosting habitat for this species within the oak woodland. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Silver haired bat <i>Lasionycteris noctivagans</i>	--; CSC; --; --	Found in primarily coniferous forested areas adjacent to lakes, ponds, and streams. Summer roosts and nursery sites occur in coniferous or deciduous tree foliage, cavities or under loose bark, and sometimes in buildings. In winter, can be found in caves, mines, houses, rock crevices, under loose bark, and in hollow trees.	Year – round	High ; the Study Area provides suitable roosting habitat for this species within the oak woodland. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).

Note: Table 2 includes state and federal species of concern and Rank 1 and 2 CNPS species.

Table 3 — Other Species of Interest

Special-Status Species	Regulatory Status	Habitat Requirements	Identification/ Survey Period	Potential for Occurrence
Plants				
Adobe navarretia <i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	--; --; --; 4	Annual herb found on clay, and sometimes serpentine soils in vernally mesic valley and foothill grasslands and sometimes vernal pools from 100 to 1,000 meters.	Blooming period: April – June	None ; the Study Area does not provide suitable habitat for this species and is outside of its known elevational range. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Brandegee’s clarkia <i>Clarkia biloba</i> ssp. <i>biloba</i>	--; --; --; 4	Annual herb found often in roadcuts within chaparral, cismontane woodland, and lower montane coniferous forest from 75 to 915 meters.	Blooming period: May – July	None ; the Study Area is outside of the known elevational range of this species. There are no CNDDB occurrences documented within five miles of the Study Area (CDFW 2018).
Stinkbells <i>Fritillaria agrestis</i>	--; --; --; 4	Perennial bulbiferous herb found in clay soils, sometimes in serpentine, chaparral, cismontane woodland, pinyon and juniper woodland, and valley and foothill grassland from 10 to 1,555 meters (CNPS 2016).	Blooming period: March – June	None ; although the Study Area contains a claypan, it is highly disturbed and has been historically used to place fill from surrounding development. Additionally, the only known occurrence within five miles of the Study Area is over 100 years old. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Invertebrates				
Andrenid bee <i>Andrena subapasta</i>	--; CSA; --; --	Found in grassland habitats within El Dorado, Placer, Sacramento, and San Joaquin counties. Ground nesters that will be underground from summer, fall and winter and emerge in early spring to forage and pollinate early bloomers, such as willows, maples, violets and other early blooming wildflowers.	Year – round	None ; site does not contain vernal pools for nesting habitat. One CNDDB occurrence is documented within five miles of the Study Area (CDFW 2018).
Mid-valley fairy shrimp <i>Branchinecta mesovallensis</i>	CSA	Inhabits vernal pools, swales, and ephemeral freshwater habitat.	Wet-season sampling and/or dry season cyst identification.	None ; the Study Area does not provide suitable habitat for this species.
Ricksecker’s water scavenger beetle <i>Hydrochara rickseckeri</i>	--; CSA; --; --	An aquatic beetle known to occur in shallow waters of creeks, artificial ponds, springs and brooks. Known to occur along the San Francisco Bay within Alameda, Marin, San Mateo and Sonoma counties. Can also be found in Lake, Placer, Sacramento, San Joaquin, and Solano counties.	Year – round	None ; the Study Area does not provide suitable habitat for this species.

Note: Table 3 includes Rank 3 and 4 CNPS species and non-listed invertebrates, which may not be subject to CEQA review.

Appendix B — Plants and Wildlife Observed in the Study Area

Appendix B — Plant Observed in the Study Area

Family	Scientific Name	Common Name	Native or Invasive
Agavaceae	<i>Agave americana</i>	American century plant	N
Agavaceae	<i>Agave</i> sp.	Agave	--
Anacardiaceae	<i>Toxicodendron diversilobum</i>	Poison oak	N
Arecaceae	<i>Washingtonia robusta</i>	Mexican fan palm	I
Asteraceae	<i>Centromadia fitchii</i>	Spikeweed	N
Asteraceae	<i>Senecio vulgaris</i>	Common groundsel	I
Brassicaceae	<i>Raphanus sativus</i>	Radish	I
Fabaceae	<i>Trifolium hirtum</i>	Rose clover	I
Fabaceae	<i>Trifolium wormskioldii</i>	Cow clover	N
Fabaceae	<i>Vicia villosa</i> ssp. <i>varia</i>	Winter vetch	I
Fagaceae	<i>Quercus douglasii</i>	Blue oak	N
Fagaceae	<i>Quercus wislizeni</i>	Interior live oak	N
Geraniaceae	<i>Erodium botrys</i>	Big heron bill	I
Geraniaceae	<i>Geranium molle</i>	Dove's foot geranium	I
Juncaceae	<i>Juncus xiphioides</i>	Iris leaved rush	N
Lythraceae	<i>Lagerstroemia</i> sp.	Crepe myrtle	I
Montiaceae	<i>Claytonia perfoliata</i>	Miner s lettuce	N
Onagraceae	<i>Epilobium</i> sp.	Willowherb	N
Plantaginaceae	<i>Plantago</i> sp.	Plantain	--
Poaceae	<i>Avena fatua</i>	Wild oat	I
Poaceae	<i>Bromus diandrus</i>	Ripgut grass	I
Poaceae	<i>Bromus hordeaceus</i>	Soft brome	I
Poaceae	<i>Elymus caput-medusae</i>	Medusa head	I
Poaceae	<i>Festuca perennis</i>	Italian rye grass	I
Poaceae	<i>Paspalum dilatatum</i>	Dallis grass	I
Polygonaceae	<i>Rumex crispus</i>	Curly dock	I
Rosaceae	<i>Photinia</i> sp.	Photinia	I
Rosaceae	<i>Prunus dulcis</i>	Almond	I
Rosaceae	<i>Rubus armeniacus</i>	Himalayan blackberry	I
Rubiaceae	<i>Cephalanthus occidentalis</i>	Button willow	N
Rubiaceae	<i>Galium</i> sp.	Bedstraw	N
Salicaceae	<i>Populus fremontii</i> ssp. <i>fremontii</i>	Fremont cottonwood	N
Salicaceae	<i>Salix laevigata</i>	Red willow	N
Scrophulariaceae	<i>Verbascum thapsus</i>	Woolly mullein	I
Themidaceae	<i>Triteleia laxa</i>	Ithuriel's spear	N
Vitaceae	<i>Vitis californica</i>	California grape	N

Appendix B — Wildlife Observed in the Study Area

Scientific Name	Common Name
<i>Aphelocoma californica</i>	California Scrub-Jay
<i>Calypte anna</i>	Anna's Hummingbird
<i>Melanerpes formicivorus</i>	Acorn Woodpecker
<i>Mimus polyglottos</i>	Northern Mockingbird
<i>Sayornis nigricans</i>	Black Phoebe
<i>Zenaida macroura</i>	Mourning Dove

Appendix C — Representative Site Photographs



Description: Looking northwest at mixed oak woodland within northwest corner of Study Area.

Date: December 27, 2017

Photographer: Z. Neider



Description: Looking west at Study Area and riparian habitat. Photo taken from east side of off-site perennial drainage.

Date: December 27, 2017

Photographer: Z. Neider

REPRESENTATIVE SITE PHOTOGRAPHS



Description: Looking northwest at large oaks in western portion of Study Area.

Date: December 27, 2017

Photographer: Z. Neider



Description: Looking west from top of soil mound near the center of the Study Area. Note erosion and sandy soils.

Date: December 27, 2017

Photographer: Z. Neider

REPRESENTATIVE SITE PHOTOGRAPHS

Attachment 4

*Arborist Report [for the] Huntington Senior Apartments,
City of Roseville, California,*
prepared by Foothill Associates

January 29, 2019

Arborist Report

Huntington Senior Apartments
City of Roseville, California

Prepared for:

Stamas Corporation

January 29, 2019

Prepared by:

 **FOOTHILL ASSOCIATES**

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1.0 INTRODUCTION

This report presents the results of a field update conducted by Foothill Associates to a tree survey conducted in April 2017 by Acorn Arboricultural Services (Acorn) for the ±3.34-acre Huntington Senior Apartments Project site (Study Area). The associated report by Acorn was reviewed and field-verified by Foothill Associates in order to identify any significant changes in tree health from the findings in the Acorn assessment. Updates to tree conditions are included in this report. The Study Area is located at 1650 Huntington Drive, approximately 0.8 miles east of Interstate 80, south of Douglas Boulevard and west of Rocky Ridge Drive within Township 10 North, Range 7 East, Section 7 on the USGS *Citrus Heights, California* 7.5-minute quadrangle map (**Figure 1**).

The purpose of this report is to document and assess the trees on the project site and assess the impacts to protected trees associated with the proposed project.

1.1. City of Roseville Tree Ordinance

The City of Roseville regulates the removal of or impact to protected trees under Chapter 19.66 of the Roseville Municipal Code. Protected trees are defined as any native oak tree with a trunk diameter equal to or greater than six inches at breast height (DBH), which is at 54" above grade, measured as a total of a single trunk or multiple trunks. No work that might impact the tree, including grading, trenching, or irrigation, is allowed within the protected zone of a protected tree, defined as the dripline radius plus one foot, without a tree permit. No permit is required for the removal of a protected tree under the following situations:

- 1) Trees damaged by thunderstorm, windstorm, flood, earthquake, fire or other natural cause and determined by a peace officer, fire fighter, public utility official, civil defense official or city code enforcement officer, acting in his or her official capacity, to present a danger to persons or property. Upon discovery of a condition justifying removal, the officer or official making the determination shall immediately provide written notification of the condition and action taken to the planning director.
- 2) When removal is determined to be necessary by fire department personnel actively engaged in fighting a fire.
- 3) When compliance would interfere with activities of a public utility necessary to comply with applicable safety regulations and/or necessary to repair or avoid the interruptions of services provided by such a utility. Unless there is an imminent threat to the public health, safety or welfare, the planning director shall be notified prior to the removal by a public utility of a protected tree.
- 4) The planning director may allow removal of a protected tree which has been certified by an arborist to be a dead tree. An arborist-certified dead tree may be removed without any replacement or mitigation requirements.

- 5) A protected tree located on property developed with a single-family or two-family dwelling which has been granted occupancy.
- 6) When a protected living tree presents a hazard to health and safety or structures due to its structural condition and location, the tree may be removed without any replacement or mitigation requirements. The hazardous condition of the tree must be determined by an arborist. The planning director must review the arborist's determination and consider the location of the protected tree prior to approving removal.

2.0 METHODS

The Study Area was surveyed by International Society of Arboriculture (ISA) Certified Arborist Zachary Neider (WE-11615A) on December 27, 2017. All protected native oaks previously inventoried by Acorn were assessed to identify any significant changes in health from the previous assessment. Each surveyed tree was examined to verify species type and trunk DBH. A diameter tape or calipers were used to measure each trunk diameter at 54 inches above grade. With the exception of trees #498 and #499, tagged by Foothill Associates, trees were tagged by Acorn with a round, pre-printed aluminum tag, and correspond to the numbering in **Appendix A**. The measurement from the trunk to the end of the longest lateral limb was verified and used as the approximate dripline radius (DLR). Approximate tree locations were mapped using a Trimble GeoXT Global Positioning System (GPS) hand-held unit with sub-meter accuracy. Approximate tree locations and potential project impacts to surveyed trees are identified in **Figure 2**.

The health and structural condition of each tree was verified and rated according to **Table 1**. The health rating considers factors such as the size, color, and density of the foliage; the amount of deadwood within the canopy; bud viability; evidence of wound closure; and the presence or evidence of stress, disease, nutrient deficiency, and insect infestation. The structural rating reflects the trunk and branch configuration; canopy balance; the presence of included bark and other structural defects such as decay; and the potential for structural failure. In cases where conditions fall between the good, fair, and poor ratings, intermediate ratings fair-good and poor-fair were used.

TABLE 1 — TREE RATING SYSTEM

Rating	Tree Health
Good	There is an average or below-average amount of deadwood/dieback with respect to the tree's size and growing environment; leaf size, color, and density are typical for the species; buds are normal size, viable, abundant, and uniform throughout the canopy; current and past growth increments are generally average or better; any callusing is vigorous. This health rating indicates that there is very little, if any, evidence of stress, disease, nutrient deficiency, and/or insect infestation.
Fair	There is an above-average amount of deadwood/dieback with respect to the tree's size and growing environment; leaf size, color, and density may be below what is typically expected for the species; buds are normal size and viable, but slightly sparse throughout the canopy; current and past growth increments may be below average; tree may be slow to callus around old wounds. This health rating indicates that there is moderate evidence of stress, disease, nutrient deficiency, and/or insect infestation.
Poor	There is an extreme amount of deadwood/dieback with respect to the tree's size and growing environment; leaf size, color, and density are clearly compromised; very few viable buds are present throughout the canopy; current and past growth increments are meager; no evidence of callusing around old wounds. This health rating indicates that there is widespread evidence of stress, disease, nutrient deficiency, and/or insect infestation.

Rating	Tree Structure
Good	No wounds, cavities, decay, or indication of hollowness are evident in the root crown, trunk, or primary and secondary limbs; no anchor roots are exposed; no codominant branching or multiple trunk attachments are present; very little included bark at branch attachments exists; no dead primary or secondary limbs are present in canopy; there have been no major limb failures; limbs are not overburdened; branching structure is appropriate for species; any decay is limited to small dead branches/stubs. This structure rating represents a low potential for failure.
Fair	With respect to the size of the tree, small to moderate wounds, cavities, decay, and indication of hollowness may be evident in the root crown, trunk, and/or primary and secondary limbs; some anchor roots may be exposed; codominant branching or multiple trunk attachments may be present, but included bark does not exist or is not well developed; minor to moderate amounts of included bark at branch attachments may exist; there may be small to moderate amounts of large dead limbs in canopy, but there is no evidence of large limb failures; limbs may be slightly overburdened; branching structure and/or canopy balance may be moderately altered by the tree's growing environment. This structure rating represents a moderate potential for failure.
Poor	With respect to the size of the tree, significant wounds, cavities, decay, and/or indication of hollowness may be evident in the root crown, trunk, and/or primary and secondary limbs; anchor roots may be exposed and/or the tree may have lost anchorage; codominant branching or multiple trunk attachments may be present; significant amounts of included bark may exist in trunk and branch attachments; there may be significant amounts of large dead limbs in the canopy; there may be evidence of trunk or large limb failures; limbs may be severely overburdened; branching structure and/or canopy balance may be drastically altered by the tree's growing environment. This structure rating represents a high potential for failure.

Protected trees within the Study Area were identified based on their size, species, and the regulations specified in the City of Roseville Tree Ordinance. This is identified in the Status column of **Appendix A**. As previously described in **Section 1.1**, protected trees are defined as any native oak tree with a trunk equal to or greater than six inches DBH, measured as a total of a single trunk or multiple trunks.

3.0 RESULTS AND DISCUSSION

3.1. Surveyed Trees

A total of 36 trees were inventoried in the Study Area; 34 were surveyed by Acorn during the April 2017 survey and two trees were added during Foothill Associates' December 2017 survey. Three additional trees were included in the initial survey by Acorn, but these three trees were determined to be outside of the Study Area and are not included in this updated report. Inventoried trees consist of 13 blue oaks (*Quercus douglasii*) and 23 interior live oaks (*Quercus wislizeni*). Detailed data on the surveyed trees is included in **Appendix A**. Approximate locations of surveyed trees are shown on **Figure 2**. **Table 2** shows the number of surveyed trees ranked by health and structure ratings.

TABLE 2 — NUMBER OF TREES BY HEALTH AND STRUCTURE RATINGS

		Health					Total Trees
Structure		Good	Fair-Good	Fair	Poor-Fair	Poor	
	Good	—	—	—	—	—	—
	Fair-Good	—	1	—	—	—	1
	Fair	—	8	8	8	1	25
	Poor-Fair	—	—	6	3	—	9
	Poor	—	—	—	1	—	1
	Total Trees	—	9	14	12	1	36

In general, and when compared to the rating results from Acorn, the majority of the inventoried trees are in decline with respect to health and structure. Many of the trees in Poor or Poor-Fair condition have trunk wounds or limb failure, all of which provide entry points for disease and decay organisms. It should be noted that even though dead trees do not require mitigation after removal, they serve as potential nest habitat for avian species and can be preserved where they do not pose a hazard to people or property.

3.2. Impacts and Mitigation

The proposed project will remove all but three of the surveyed trees (#3973, #3974, and #3988) within the Study Area. By implementing the best management practices (BMPs) described later in this document, these three remaining trees are not expected to incur significant impacts during construction. A tree is considered significantly impacted if ground-disturbing work encroaches within 20 percent or greater of the DLR. The approximate limits of project disturbance are shown on **Figure 2**. A Tree Removal Permit should be obtained from the City of Roseville for the removal of, or significant impacts to the estimated 33 protected trees that will be subject to removal by the proposed project.

Impacts to protected trees are mitigated under **Chapter 19.66.070** of the City's Municipal Code. Mitigation planting or in-lieu fees are expected to be required for any protected trees removed or significantly impacted as part of the project. The total number of mitigation trees to be planted or in-lieu fees to be paid are based on an inch-for-inch basis of the total trunk diameter of protected trees removed. For this project, a total of 613 trunk inches will be removed. A total of 11 trees, with a combined trunk diameter of 193 inches, are recommended for removal based on poor condition. Individual data for these trees can be found in **Attachment A**. Depending on the landscape design, there may not be sufficient area within the Study Area to allow for 100 percent on-site mitigation planting. Subsequently, the required difference is expected to take the form of payment of in-lieu fees, off-site planting, or a combination of the two. For replacement planting, a 1:1 replacement of trunk inches would be required for any trunk inches not addressed through payment of in-lieu fees. A minimum of 50 percent of the trees must be native oak species. Up to 50 percent may be met by planting of non-native species. For the use of in-lieu fees, the current rate for mitigation payment is \$118 per inch. In-lieu fees are deposited into either a Native Oak Tree Propagation Fund or a Non-Native Tree Fund, as determined by the Planning Manager. If payment of in-lieu fees is chosen as the sole form of mitigation, the total amount required is estimated to be \$72,334.

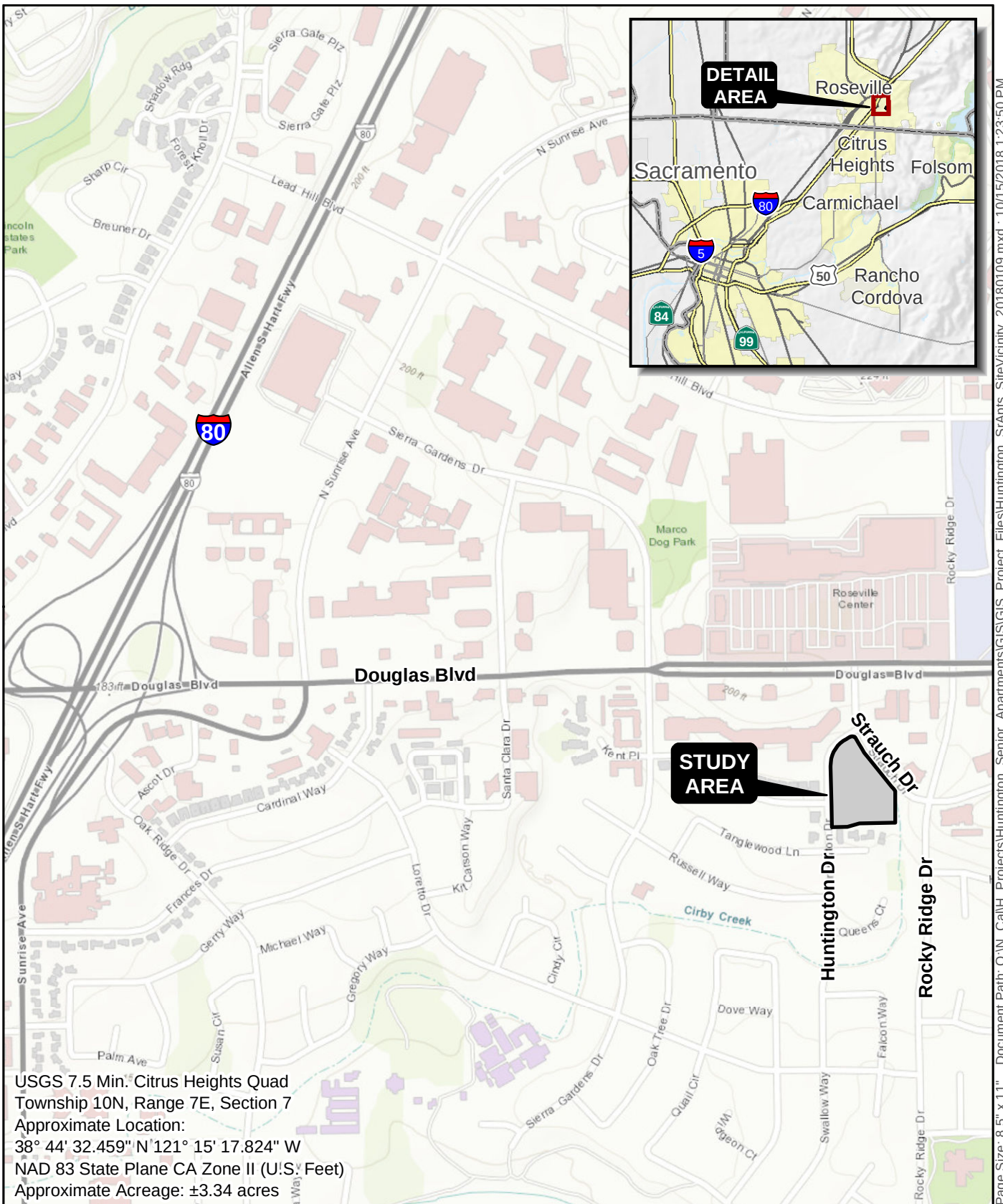
Final determination of mitigation requirements is made by the Approving Authority.

3.3. Recommended Tree Protection Measures

The following measures should be integrated into the construction documents to protect trees to remain within the Study Area, or the immediate vicinity of the Study Area, during construction where accessible:

- Tree Protection Fencing, consisting of four-foot tall, brightly-colored, high-visibility plastic fencing, shall be placed around the perimeter of the tree protection zone (TPZ) (dripline radius + 1 foot). The TPZ is the minimum distance for placing protective fencing. Tree protection fencing should be placed as far outside of the TPZ as possible. Signs shall be placed along the fence denoting this as a Tree Protection Zone that shall not be moved until construction is complete. Trees or tree clusters with canopy extending beyond 50 feet from proposed project boundaries may be fenced only along sides facing the project. In cases where proposed work infringes on TPZ, fence shall be placed at edge of work;
- Whenever possible, fence multiple trees together in a single TPZ;
- Tree protection fencing shall not be moved without prior authorization from the Project Arborist and the City of Roseville, as appropriate;
- No parking, portable toilets, dumping or storage of any construction materials, grading, excavation, trenching, or other infringement by workers or domesticated animals is allowed in the TPZ;
- No signs, ropes, cables, or any other items shall be attached to a protected tree, unless recommended by an ISA-Certified Arborist;

- Underground utilities should be avoided in the TPZ, but if necessary shall be bored or drilled. If boring is impossible, all trenching will be done by hand under the supervision of an ISA-Certified Arborist;
- No cut or fill within the dripline of existing protected tree is permitted. If cut or fill within the dripline is unavoidable, any mitigation requirements shall be determined by the City of Roseville, as appropriate;
- Pruning of living limbs or roots over two inches in diameter shall be done under the supervision of an ISA-Certified Arborist;
- All wood plant material smaller than six inches in diameter shall be mulched on site. Resulting mulch shall be spread in a layer four to six inches deep in the TPZ of preserved trees. Mulch shall not be placed touching the trunk of preserved trees; and
- Appropriate fire prevention techniques shall be employed around all significant trees to be preserved. This includes cutting tall grass, removing flammable debris within the TPZ, and prohibiting the use of tools that may cause sparks, such as metal blade trimmers or mowers.



SITE AND VICINITY

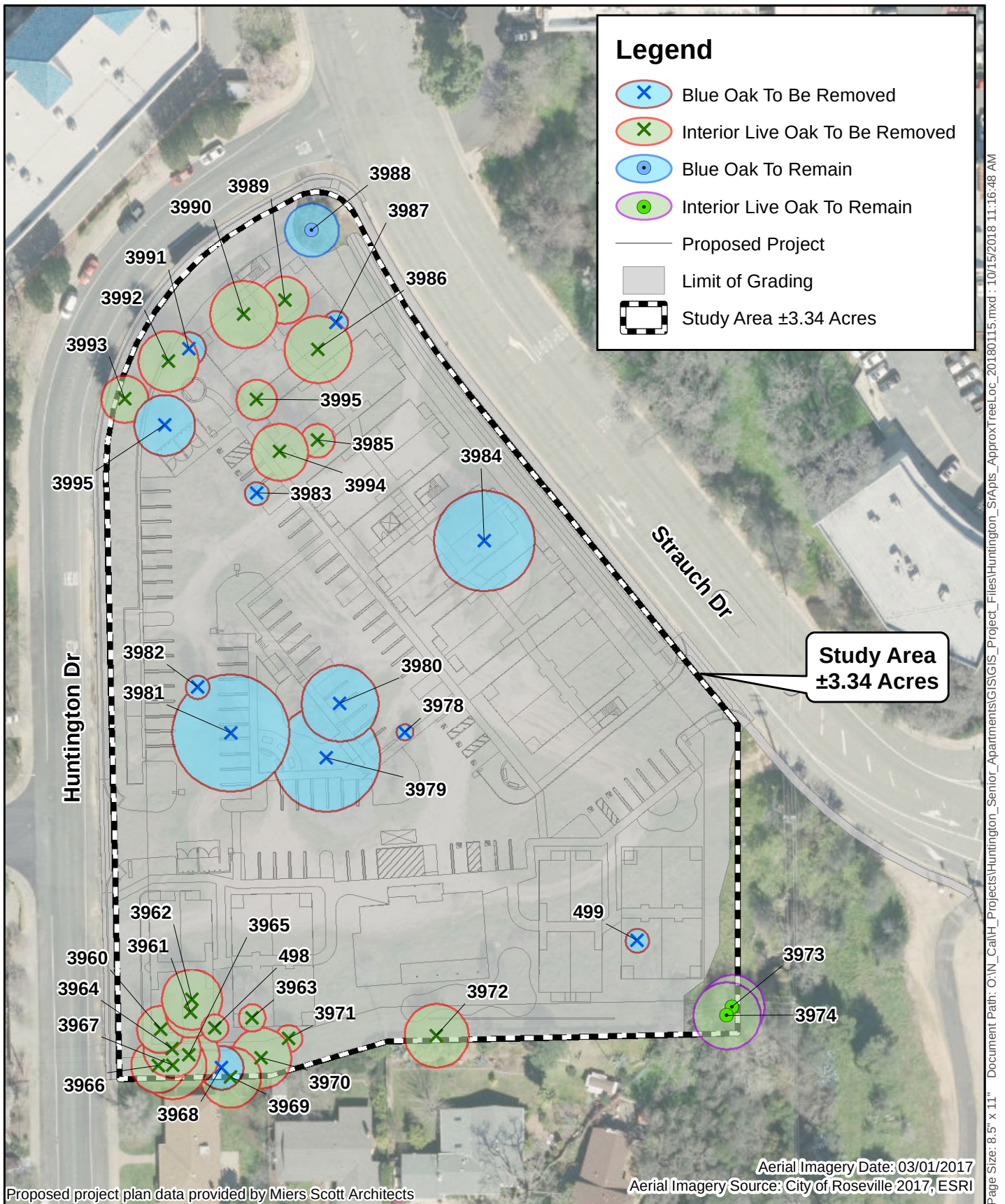
FOOTHILL ASSOCIATES
 ENVIRONMENTAL CONSULTING • PLANNING • LANDSCAPE ARCHITECTURE
 © 2019



0 400 800
 Feet
 1 : 9,600

Drawn By: MUB
 QA/QC: SLK
 Date: 10/15/2018

FIGURE 1



APPROXIMATE TREE LOCATIONS AND PROJECT IMPACTS



Appendix A — Tree Data

Attachment A — Tree Data

Tree #	Scientific Name	Common Name	# of Trunks	DBH (inches)	DLR (feet)	Height	Health	Structure	Vigor	Notes	Status	Recommended for Removal	Impacts
498	<i>Quercus wislizeni</i>	Interior Live Oak	4	4, 4, 3, 2	8	20	Poor-Fair	Fair	Poor-Fair	shaded, codominant, included bark, dieback	Protected	No	Removed
499	<i>Quercus douglasii</i>	Blue Oak	1	6	7	15	Poor-Fair	Fair	Poor-Fair	dying, included bark	Protected	No	Removed
3960	<i>Quercus wislizeni</i>	Interior Live Oak	2	8, 5	14	26	Fair	Fair	Fair	codominant, included bark, lean, dieback	Protected	No	Removed
3961	<i>Quercus wislizeni</i>	Interior Live Oak	2	7, 6	15	26	Fair	Fair	Fair	exposed roots, codominant, lean, dieback, included bark	Protected	No	Removed
3962	<i>Quercus wislizeni</i>	Interior Live Oak	4	13, 8, 7, 4	18	30	Fair	Fair	Fair	codominant, included bark, dieback, cement block against trunk	Protected	No	Removed
3964	<i>Quercus wislizeni</i>	Interior Live Oak	2	7, 6	17	28	Fair	Fair	Fair	codominant, included bark, pruning cuts	Protected	No	Removed
3965	<i>Quercus wislizeni</i>	Interior Live Oak	6	7, 6, 5, 5, 5, 4	18	28	Fair-Good	Fair	Fair	codominant, included bark, shaded	Protected	No	Removed
3968	<i>Quercus douglasii</i>	Blue Oak	1	7	13	34	Poor-Fair	Fair	Poor-Fair	dieback, shaded	Protected	No	Removed
3969	<i>Quercus wislizeni</i>	Interior Live Oak	2	7, 7	18	32	Fair-Good	Fair	Fair	codominant, included bark, minimal dieback	Protected	No	Removed
3970	<i>Quercus wislizeni</i>	Interior Live Oak	3	7, 6, 6	18	28	Fair-Good	Fair	Fair	codominant, included bark, lean	Protected	No	Removed
3971	<i>Quercus wislizeni</i>	Interior Live Oak	4	4, 4, 4, 3	8	20	Fair-Good	Fair	Fair	codominant, included bark, trunk wound	Protected	No	Removed
3972	<i>Quercus wislizeni</i>	Interior Live Oak	5	6, 5, 4, 4	19	30	Fair	Fair	Fair	codominant, included bark, lean, asymmetrical canopy	Protected	No	Removed
3979	<i>Quercus douglasii</i>	Blue Oak	1	41	32	55	Poor-Fair	Fair	Poor-Fair	over mature, in decline, dieback, limb	Protected	No	Removed
3981	<i>Quercus douglasii</i>	Blue Oak	1	36	35	55	Poor-Fair	Fair	Fair	dieback, sloughing bark, trunk wound, limb wounds	Protected	No	Removed
3986	<i>Quercus wislizeni</i>	Interior Live Oak	3	15, 8, 7	20	38	Fair	Fair	Fair	codominant, included bark, dieback	Protected	No	Removed
3987	<i>Quercus douglasii</i>	Blue Oak	1	6	7	26	Fair	Fair	Fair	dieback	Protected	No	Removed
3988	<i>Quercus douglasii</i>	Blue Oak	2	10, 9	16	28	Poor-Fair	Fair	Poor-Fair	codominant, included bark, dieback	Protected	No	None
3989	<i>Quercus wislizeni</i>	Interior Live Oak	2	7, 5	14	30	Fair-Good	Fair	Fair	codominant, included bark	Protected	No	Removed
3990	<i>Quercus wislizeni</i>	Interior Live Oak	2	8, 7	20	28	Fair-Good	Fair	Fair	codominant, included bark, min dieback	Protected	No	Removed
3991	<i>Quercus douglasii</i>	Blue Oak	1	6	10	35	Poor-Fair	Fair	Poor-Fair	asymmetrical canopy, dieback, lean	Protected	No	Removed
3992	<i>Quercus wislizeni</i>	Interior Live Oak	3	17, 5, 5	18	30	Fair	Fair	Fair	codominant, included bark, dieback	Protected	No	Removed
3993	<i>Quercus wislizeni</i>	Interior Live Oak	3	7, 6, 4	14	30	Fair-Good	Fair	Fair	codominant, included bark, minimal dieback	Protected	No	Removed
3994	<i>Quercus wislizeni</i>	Interior Live Oak	2	6, 5	17	30	Fair-Good	Fair	Fair	sprawling , dieback, codominant, included bark	Protected	No	Removed
3995	<i>Quercus douglasii</i>	Blue Oak	3	12, 10, 8	18	28	Poor-Fair	Fair	Poor-Fair	major dieback, included bark, codominant	Protected	No	Removed
3996	<i>Quercus wislizeni</i>	Interior Live Oak	1	7	12	30	Fair-Good	Fair-Good	Fair-Good	included bark, minimal dieback	Protected	No	Removed
3963	<i>Quercus wislizeni</i>	Interior Live Oak	4	4, 4, 3, 3	8	20	Poor	Fair	Poor	major dieback, included bark, codominant, sprouting	Protected	Yes	Removed

Attachment A — Tree Data

Tree #	Scientific Name	Common Name	# of Trunks	DBH (inches)	DLR (feet)	Height	Health	Structure	Vigor	Notes	Status	Recommended for Removal	Impacts
3966	<i>Quercus wislizeni</i>	Interior Live Oak	5	7, 5, 4, 4, 3	16	26	Fair	Poor-Fair	Fair	codominant, included bark, min dieback, heavy lean	Protected	Yes	Removed
3967	<i>Quercus wislizeni</i>	Interior Live Oak	4	7, 6, 5, 4	20	22	Fair	Poor-Fair	Fair	codominant, included bark, heavy lean, pruning cuts, minimal dieback	Protected	Yes	Removed
3973	<i>Quercus wislizeni</i>	Interior Live Oak	1	8	19	35	Poor-Fair	Poor-Fair	Fair	codominant, included bark, limb wounds, pruning cuts, trunk rot, asymmetrical canopy	Protected	Yes	None
3974	<i>Quercus wislizeni</i>	Interior Live Oak	1	6	20	26	Poor-Fair	Poor	Poor-Fair	codominant, included bark, dieback, sloughing bark, limb wounds, heavy lean,	Protected	Yes	None
3978	<i>Quercus douglasii</i>	Blue Oak	5	4, 4, 3, 3, 3	5	13	Poor-Fair	Poor-Fair	Poor-Fair	codominant, included bark, dieback	Protected	Yes	Removed
3980	<i>Quercus douglasii</i>	Blue Oak	1	20	23	36	Poor-Fair	Poor-Fair	Poor-Fair	heavy lean, dieback, dead limbs	Protected	Yes	Removed
3982	<i>Quercus douglasii</i>	Blue Oak	4	7, 5, 2, 2	7	1	Fair	Poor-Fair	Fair	codominant, included bark, dieback	Protected	Yes	Removed
3983	<i>Quercus douglasii</i>	Blue Oak	1	6	7	15	Fair	Poor-Fair	Poor-Fair	dieback, included bark	Protected	Yes	Removed
3984	<i>Quercus douglasii</i>	Blue Oak	3	18, 17, 14	30	55	Fair	Poor-Fair	Poor-Fair	codominant, included bark, moderate dieback, one stem growing on ground	Protected	Yes	Removed
3985	<i>Quercus wislizeni</i>	Interior Live Oak	3	6, 3, 3	10	16	Fair	Poor-Fair	Fair	codominant, included bark, sprawling, dieback	Protected	Yes	Removed

Attachment 5

*Environmental Noise and Vibration Assessment [for the]
Huntington Senior Apartments, Roseville, California,*
prepared by Bollard Acoustical Consultants, Inc.

May 8, 2018

Environmental Noise and Vibration Assessment

Huntington Senior Apartments

Roseville, California

BAC Job # 2018-042

Prepared For:

Foothill Associates

Attn: Ms. Kyrsten Shields
590 Menlo Drive, Suite 5
Rocklin, CA 95765

Prepared By:

Bollard Acoustical Consultants, Inc.



Paul Bollard, President

May 8, 2018



CEQA Checklist

NOISE AND VIBRATION – Would the Project Result in:	NA – Not Applicable	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
A) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X		
B) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X	
C) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?					X
D) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above level existing without the project?			X		
E) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project to excessive noise levels?					X
F) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?					X

Introduction

The Huntington Senior Apartments (project) proposes the construction of a multi-family, age restricted (55+) apartment complex on approximately 3.34 acres located at 1650 Huntington Drive in Roseville, California. The project will consist of 10 apartment buildings composed of 48 one-bedroom units, 28 two-bedroom units, a community clubhouse, and associated parking. Existing land uses in the project vicinity include residential uses directly to the south and west, and commercial uses to the north and east. The project area and site plan are shown on Figures 1 and 2, respectively.

Due to the proximity of the proposed development to the adjacent residential uses, Bollard Acoustical Consultants, Inc. (BAC) was retained by the project applicant to prepare this noise and vibration assessment. Specifically, this assessment focuses on noise and vibration generated by project construction activities. Specific noise mitigation recommendations are provided in this analysis to mitigate project noise impacts.

Noise and Vibration Fundamentals

Noise

Noise is simply described as unwanted sound. Sound is defined as any pressure variation in air that the human ear can detect. Discussing sound directly in terms of pressure would require a very large and awkward range of numbers. To avoid this, the decibel (dB) scale was devised. The decibel scale uses the hearing threshold (20 micropascals of pressure), as a point of reference, defined as 0 dB. Other sound pressures are compared to the reference pressure and the logarithm is taken to keep the numbers in a practical range. The dB scale allows a million-fold increase in pressure to be expressed as 120 dB.

To better relate overall sound levels and loudness to human perception, frequency-dependent weighting networks were developed. There is a strong correlation between the way humans perceive sound and A-weighted sound levels. For this reason, the A-weighted sound level has become the standard tool of environmental noise assessment for community exposures. All sound levels expressed as dB in this section are A-weighted sound levels, unless noted otherwise. Definitions of acoustical terminology are provided in Appendix A.

Community noise is commonly described in terms of the “ambient” noise level, which is defined as the all-encompassing noise level associated with a given noise environment. A common statistical tool to measure the ambient noise level is the average, or equivalent, sound level (L_{eq}), over a given time period (usually one hour). The L_{eq} is the foundation of the composite noise descriptors, day-night average level (L_{dn}) and the community noise equivalent level (CNEL), and shows very good correlation with community response to noise for the average person. The median noise level descriptor, denoted L_{50} , represents the noise level which is exceeded 50% of the hour. In other words, half of the hour ambient conditions are higher than the L_{50} and the other half are lower than the L_{50} .

The L_{dn} is based upon the average noise level over a 24-hour day, with a +10 dB weighting applied to noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours. The nighttime penalty is based upon the assumption that people react to nighttime noise exposures as though they were twice as loud as daytime exposures. Because L_{dn} represents a 24-hour average, it tends to disguise short-term variations in the noise environment. Where short-term noise sources are an issue, noise impacts may be assessed in terms of maximum noise levels, hourly averages, or other statistical descriptors.

The perceived loudness of sounds and corresponding reactions to noise are dependent upon many factors, including sound pressure level, duration of intrusive sound, frequency of occurrence, time of occurrence, and frequency content. As mentioned above; however, within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by weighing the frequency response of a sound level meter by means of the standardized A-weighting network. Figure 3 shows examples of noise levels for several common noise sources and environments.

It is generally recognized that an increase of at least 3 dB of similar sources is usually required before most people will perceive a change in noise levels in the community, and an increase of 5 dB is required before the change will be clearly noticeable. A common practice is to assume that a minimally perceptible increase of 3 dB represents a significant increase in ambient noise levels. This approach is very conservative, however, when applied to noise conditions substantially below levels deemed acceptable in general plan noise elements or in noise ordinances.

Vibration

Vibration is like noise in that it involves a source, a transmission path, and a receiver. While vibration is related to noise, it differs in that noise is generally considered to be pressure waves transmitted through air, while vibration is usually associated with transmission through the ground or structures. As with noise, vibration consists of an amplitude and frequency. A person's response to vibration will depend on their individual sensitivity as well as the amplitude and frequency of the source.

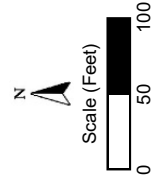
Vibration can be described in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration measures in terms of velocity in inches per second. Standards pertaining to perception as well as damage to structures have been developed for vibration in terms of peak particle velocity as well as RMS velocities.

As vibrations travel outward from the source, they excite the particles of rock and soil through which they pass and cause them to oscillate. Differences in subsurface geologic conditions and distance from the source of vibration will result in different vibration levels characterized by different frequencies and intensities. In all cases, vibration amplitudes will decrease with increasing distance. The maximum rate, or velocity of particle movement, is the commonly accepted descriptor of the vibration "strength".

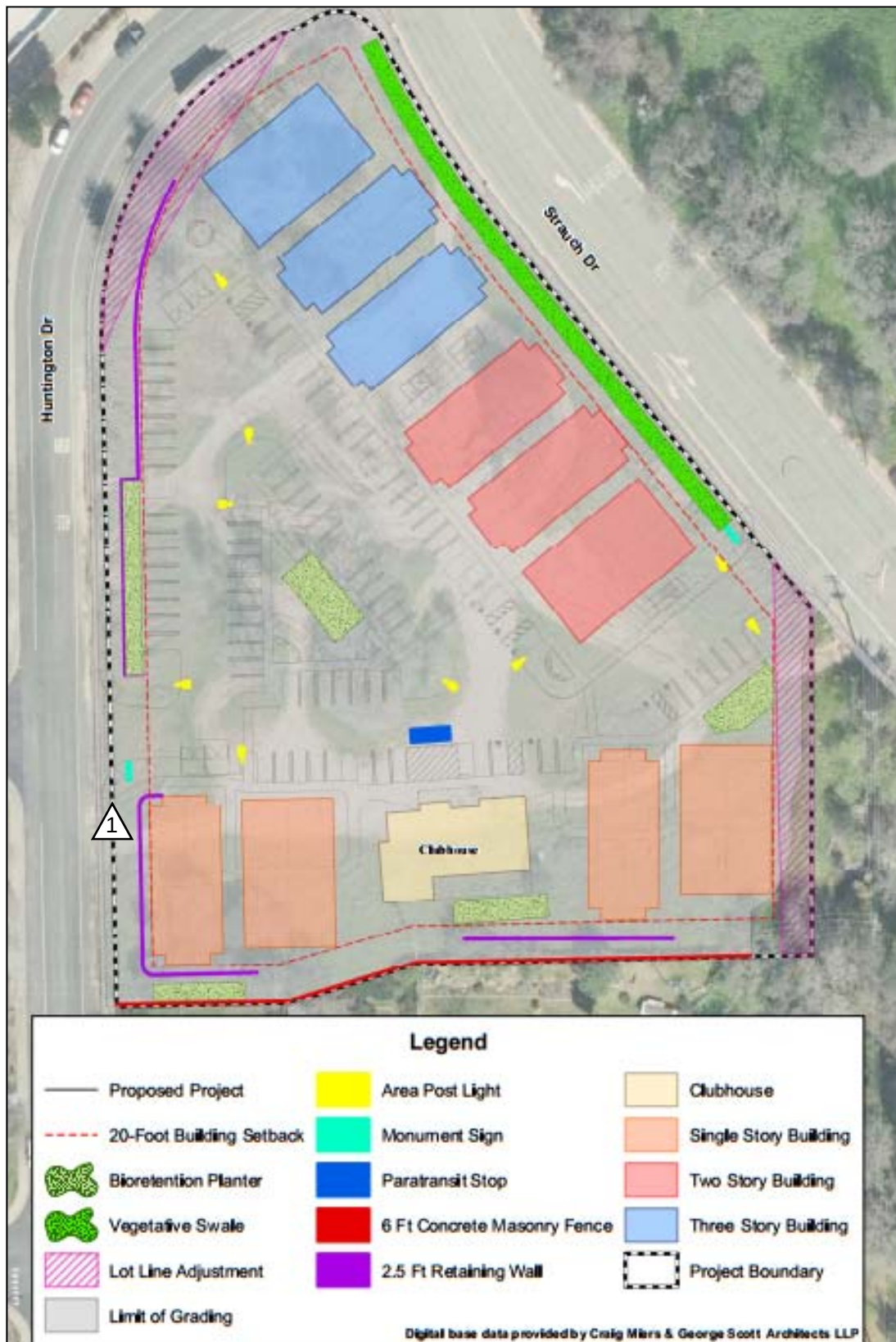


Legend

-  Short-Term Noise and Vibration Measurement Site
-  Approximate Project Boundary
-  Nearest Existing Residential Uses to Project



Huntington Senior Apartments
Roseville, California
Project Area & Measurement Site



Legend



Short-Term Noise and Vibration Measurement Site



Scale (Feet)



Huntington Senior Apartments

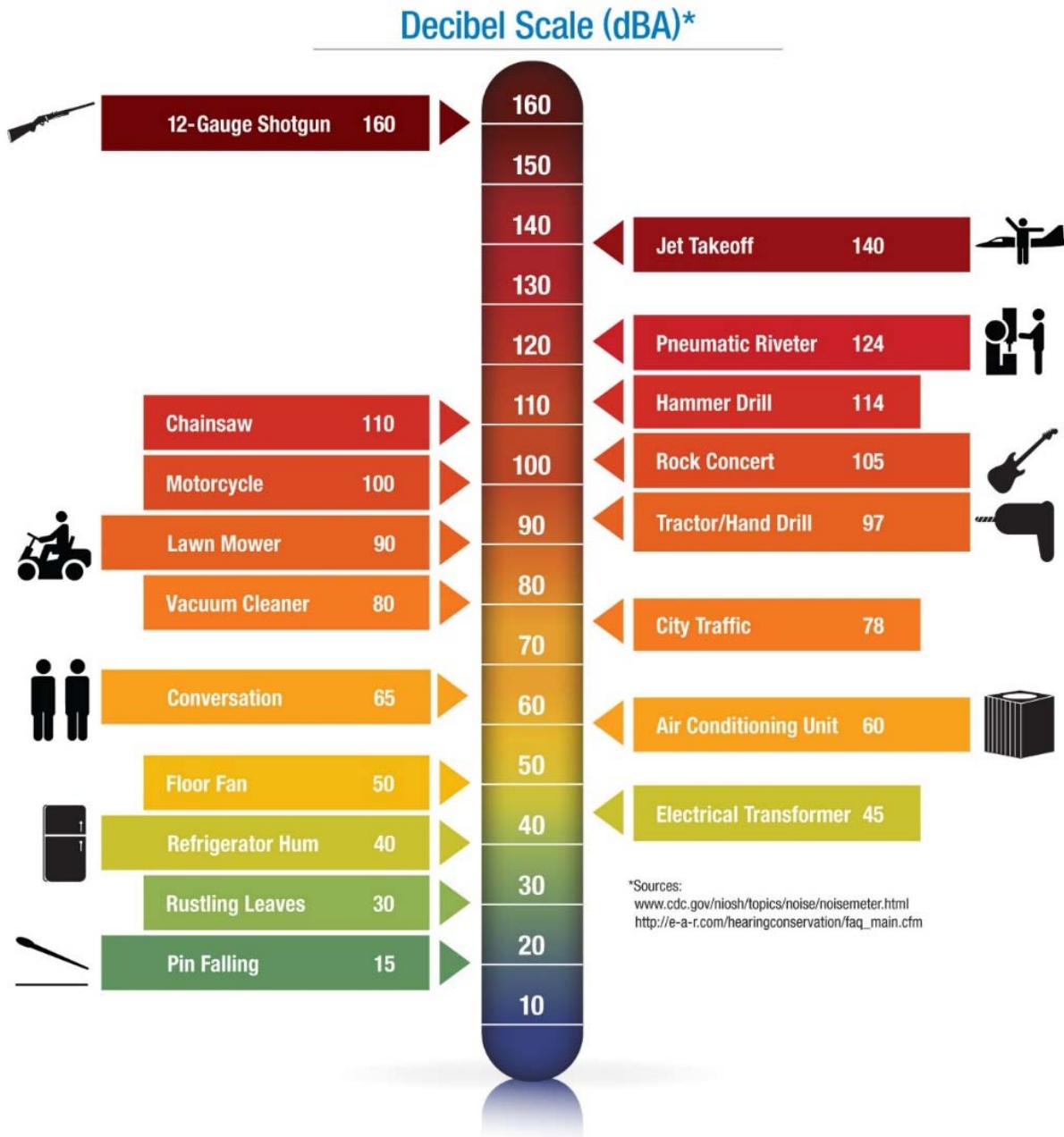
Roseville, California

Project Site Plan

Figure 2



Figure 3
Typical A-Weighted Sound Levels of Common Noise Sources



Human response to vibration is difficult to quantify. Vibration can be felt or heard well below the levels that produce any damage to structures. The duration of the event has an effect on human response, as does frequency. Generally, as the duration and vibration frequency increase, the potential for adverse human response increases.

According to the Transportation and Construction-Induced Vibration Guidance Manual (Caltrans, June 2004), operation of construction equipment and construction techniques generate ground vibration. Traffic traveling on roadways can also be a source of such vibration. At high enough amplitudes, ground vibration has the potential to damage structures and/or cause cosmetic damage. Ground vibration can also be a source of annoyance to individuals who live or work close to vibration-generating activities. However, traffic, rarely generates vibration amplitudes high enough to cause structural or cosmetic damage.

Regulatory Setting: Criteria for Acceptable Noise and Vibration Exposure

Federal

There are no federal noise or vibration criteria which would be directly applicable to this project.

State of California

California Environmental Quality Act (CEQA)

The State of California has established regulatory criteria that are applicable to this assessment. Specifically, Appendix G of the State of California Environmental Quality Act (CEQA) Guidelines are used to assess the potential significance of impacts pursuant to local General Plan policies, Municipal Code standards, or the applicable standards of other agencies. According to Appendix G of the CEQA guidelines, the project would result in a significant noise or vibration impact if the following occur:

- A. exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- B. a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project;
- C. a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project;
- D. exposure of persons to or generation of excessive groundborne vibration or noise levels;
- E. for a project located within an ALUP or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, the project would expose people residing or working in the project area to excessive noise levels;
- F. or a project within the vicinity of a private airstrip, the project would expose people residing or working in the project area to excessive noise levels.

It should be noted that audibility is not a test of significance according to CEQA. If this were the case, any project which added any audible amount of noise to the environment would be considered unacceptable according to CEQA. Because every physical process creates noise, whether by the addition of a single vehicle on a roadway, or a tractor in an agricultural field, the use of audibility alone as significance criteria would be unworkable. CEQA requires a substantial increase in noise levels before noise impacts are identified, not simply an audible change.

California Department of Transportation (Caltrans)

The City of Roseville does not currently have adopted standards for groundborne vibration. As a result, vibration criteria established by the California Department of Transportation (Caltrans 2013) was applied to this project. The Caltrans publication, *Transportation and Construction Vibration Guidance Manual*, provides guidelines for acceptable vibration limits for transportation and construction projects in terms of the induced peak particle velocity (PPV). Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. The Caltrans criteria applicable to human responses to vibration are shown below in Table 1.

Table 1 Human Response to Transient Vibration	
Human Response/Structure	Peak Particle Velocity (in/sec)
Barely Perceptible	0.04
Distinctly Perceptible	0.25
Strongly Perceptible	0.90
Severe	2.00
Residential Construction	1.0
Source: Caltrans Transportation and Construction Vibration Guidance Manual, September 2013	

As shown in Table 1, a vibration level of 0.25 in/sec PPV is the level at which vibration becomes distinctly to strongly perceptible. As a result, the 0.25 threshold is considered to be a conservative benchmark against which project vibration levels are evaluated in this assessment.

City of Roseville Municipal Code

The City of Roseville Municipal Code (noise control) establishes standards for acceptable non-transportation (stationary) noise exposure for sensitive receptors. The criteria applicable to the project are reproduced below:

9.24.100 Sound limits for sensitive receptors.

It is unlawful for any person at any location to create any sound, or to allow the creation of any sound, on property owned, leased, occupied or otherwise controlled by such person, which causes the exterior sound level when measured at the property line of any affected

sensitive receptor to exceed the ambient sound level by three dBA or exceed the sound level standards as set forth in Table 1 (Table 2 of this report), by three dBA, whichever is greater.

Table 2 Sound Level Standards (for non-transportation or fixed sound sources)		
Sound Level Descriptor	Daytime (7 a.m. to 10 p.m.)	Nighttime (10 p.m. to 7 a.m.)
Hourly L_{eq} , dB	50	45
Maximum Level, dB	70	65
Notes: A. Each of the sound level standards specified in Table 1 shall be reduced by five dB for simple tone noises, consisting of speech and music. B. If the intruding sound source is continuous and cannot be reasonably be discontinued or stopped for a time period whereby the ambient sound level can be measured, the sound level measured while the source is in operation shall be compared directly to the sound level standards of Table 1 (Ord. 3638 § 1, 2001.)		

9.24.030 Exemptions

Sound or noise emanating from the following sources and activities are exempt from the provisions of this title:

- A. Private construction (e.g., construction, alteration or repair activities) between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday; provided, however, that all construction equipment shall be fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order (Section 3638 § 1, 2001.)

Thresholds of Significance for Project-Related Noise Level Increases

The CEQA guidelines state that a project would result in a significant noise impact if it results in a substantial temporary increase in ambient noise levels above those present without the project. CEQA does not, however, define what constitutes a substantial increase. It is generally recognized that an increase of at least 3 dB for similar noise sources is usually required before most people will perceive a change in noise levels, and an increase of 6 dB is required before the change will be clearly noticeable (Egan, Architectural Acoustics, page 21, 1988, McGraw Hill).

The Federal Interagency Commission on Noise (FICON) has developed a graduated scale for use in the assessment of project-related noise level increases (Table 3). Table 3 was developed by FICON as a means of developing thresholds for impact identification for project-related noise level increases. The FICON standards have been used extensively in recent years by the authors of this section in the preparation of the noise sections of Environmental Impact Reports that have been certified in many California cities and counties.

The rationale for the graduated scale used in the FICON standards is that test subjects' reactions to increases in noise levels varied depending on the starting level of noise. Specifically, with lower ambient noise environments, such as those below 60 dB L_{dn} , a larger increase in noise levels was required to achieve a negative reaction than was necessary in more elevated noise environments.

The use of the FICON standards are considered conservative relative to thresholds used by other agencies in the State of California. For example, the California Department of Transportation (Caltrans) requires a project-related traffic noise level increase of 12 dB for a finding of significance, and the California Energy Commission (CEC) considers project-related noise level increases between 5-10 dB significant, depending on local factors. Therefore, the use of the FICON standards, which set the threshold for finding of significant noise impacts as low as 1.5 dB, provides a very conservative approach to impact assessment for this project.

Table 3 Significance of Changes in Cumulative Noise Exposure	
Ambient Noise Level Without Project, L_{dn}	Increase Considered Significant
<60 dB	+5.0 dB or more
60-65 dB	+3.0 dB or more
>65 dB	+1.5 dB or more
Source: Federal Interagency Committee on Noise (FICON)	

Based on the FICON research (Table 3), a 5 dB increase in noise levels due to a project is required for a finding of significant noise impact where ambient noise levels without the project are less than 60 dB L_{dn} . Where pre-project ambient conditions are between 60 and 65 dB L_{dn} , a 3 dB increase is applied as the standard of significance. Finally, in areas already exposed to higher noise levels, specifically pre-project noise levels in excess of 65 dB L_{dn} , a 1.5 dB increase is considered by FICON as the threshold of significance.

This graduated scale indicates that in quieter noise environments, test subjects tolerated a higher increase in noise levels due to a project before the onset of adverse noise impacts than did test subjects in louder environments.

According to the FICON study, if screening analysis shows that noise-sensitive areas will be at or above DNL 65 dB and will have an increase of DNL 1.5 or more, further analysis should be conducted. The FICON study also reported the following: Every change in the noise environment does not necessarily impact public health and welfare.

As noted previously, audibility is not a test of significance according to CEQA. If this were the case, any project which added any audible amount of noise to the environment would be considered unacceptable according to CEQA. Because every physical process creates noise, whether by the addition of a single vehicle on a roadway, or a tractor in an agricultural field, the

use of audibility alone as significance criteria would be unworkable. CEQA requires a substantial increase in noise levels before noise impacts are identified, not simply an audible change.

Environmental Setting - Existing Ambient Noise and Vibration Environment

Noise Environment

The existing ambient noise environment in the immediate project vicinity is primarily defined by traffic on Strauch Drive and Huntington Drive. To quantify the existing ambient noise environment in the project vicinity, BAC conducted short-term (15-minute) noise level measurements on the project site on March 5, 2018. The noise measurement location is shown on Figure 1, identified as Site 1.

A Larson Davis Laboratories (LDL) Model LxT precision integrating sound level meter was used for the noise level measurement survey. The meter was calibrated before use with an LDL Model CA200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all specifications of the American National Standards Institute requirements for Type 1 sound level meters (ANSI S1.4). The results of the measurements are summarized in Table 4. Photographs of the noise measurement site are shown in Appendix B.

Table 4 Summary of Short-Term Ambient Noise Monitoring Results Huntington Senior Apartments – Roseville, California March 5, 2018				
Site	Time	Measured Noise Levels, dBA		Field Notes
		L _{eq}	L _{max}	
1	2:57 p.m.	58.3	78.5	Traffic on Huntington Drive primary noise source
Source: Bollard Acoustical Consultants, Inc. (2018)				

The noise level measurements conducted at Site 1 were intended to quantify the existing general ambient noise environment, including the noise generation of traffic on Huntington Drive. The Table 4 data indicates that measured average maximum (L_{max}) noise levels at the project site were 79 dB L_{max}. BAC staff noted that measured maximum noise levels at Site 1 were attributable to vehicle passbys on Huntington Drive.

Vibration Environment

During a site visit on March 5, 2018, vibration levels were below the threshold of perception in the project vicinity. Nonetheless, to quantify existing vibration levels at the project site, BAC conducted short-term (15-minute) vibration measurements at the location shown on Figure 1.

A Larson-Davis Laboratories Model LxT precision integrating sound level meter equipped with a vibration transducer was used to complete the measurements. The results are summarized in Table 5. Photographs of the vibration measurement site are shown in Appendix B.

Table 5 Short-Term Vibration Measurement Results Huntington Senior Apartments – Roseville, California March 5, 2018		
Site ¹	Time	Average Vibration Level, VdB RMS
1	2:57 p.m.	52
Source: Bollard Acoustical Consultants, Inc. (2018)		

The Table 5 data indicate that measured average vibration levels at the measurement site were 52 VdB RMS. The measured vibration level of 52 VdB RMS is well below the threshold of perception, or, below 0.1 inches per second if converted to Peak Particle Velocities (PPV).

Impacts and Mitigation Measures

Methodology

Evaluation of Construction Noise at Nearest Residences

During project construction, heavy equipment would be used for grading excavation, paving, and building construction, which would increase ambient noise levels when in use. Noise levels would vary depending on the type of equipment used, how it is operated, and how well it is maintained. Noise exposure at any single point outside the project site would also vary depending on the proximity of construction activities to that point. Standard construction equipment, such as graders, backhoes, loaders, and trucks, would be used for this work.

The range of maximum noise levels for various types of construction equipment at a distance of 50 feet is depicted in Table 6. The noise values represent maximum noise generation, or full-power operation of the equipment. As one increases the distance between equipment, or increases separation of areas with simultaneous construction activity, dispersion and distance attenuation reduce the effects of combining separate noise sources.

Table 6 Construction Equipment Noise Emission Levels	
Equipment	Typical Sound Level (dBA) 50 Feet from Source
Air compressor	81
Backhoe	80
Compactor	82
Concrete mixer	85
Concrete pump	82
Concrete vibrator	76
Crane, mobile	83
Dozer	85
Generator	81
Grader	85
Impact wrench	85
Jackhammer	88
Loader	85
Paver	89
Pneumatic tool	85
Pump	76
Roller	74
Saw	76
Truck	88
Source: Transit Noise and Vibration Impact Assessment, Federal Transit Administration, Table 12-1. (May 2006)	

The nearest sensitive receptors to the project site are single-family residential uses located to the south, with the nearest residence located approximately 25 feet from construction activities that would occur on the project site. As shown in Table 6, construction activities typically generate noise levels ranging from approximately 75 to 89 dB L_{max} at a reference distance of 50 feet from the construction activities. The noise levels from construction operations decrease at a rate of approximately 6 dB per doubling of distance from the source. As a result, maximum construction noise levels would range from 81 to 95 dB L_{max} at the nearest residence.

Evaluation of Construction Vibration Levels at Nearest Residences

During project construction heavy equipment would be used for grading excavation, paving, and building construction, which would generate localized vibration in the immediate vicinity of the construction. As mentioned previously, the nearest residence is located approximately 25 feet from construction activities which would occur on the project site.

The range of vibration source levels for construction equipment commonly used in similar projects are shown in Table 7. The vibration levels depicted in Table 7 are representative of measurements at a distance of 25 feet from the equipment source.

Table 7 Vibration Levels of Construction Equipment – 25 Foot Reference Distance	
Equipment	Peak Particle Velocity (PPV) in/sec.
Hoe ram	0.089
Large bulldozer	0.089
Caisson drilling	0.089
Loaded trucks	0.076
Jackhammer	0.035
Small bulldozer	0.003
Source: Transit Noise and Vibration Impact Assessment, Federal Transit Administration, Table 12-2. (May 2006)	

The vibration data shown in Table 7 indicate that heavy equipment-generated vibration levels are below levels at which become distinctly perceptible even at the very close distance of 25 feet from the operating equipment.

Evaluation of Impacts Relative to CEQA Criteria

Criteria A: Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.

As shown in Table 6, exterior noise levels at a distance of 50 feet from the noise sources could reach as high as 89 dB L_{max}. As noted in the Regulatory Setting Section of this report, Section 9.24.030 of the Roseville Noise Ordinance exempts noise sources associated with construction provided such activities take place between 7:00 a.m. and 7:00 p.m. Monday through Friday, between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday, and that well-maintained construction equipment is fitted with factory installed muffling devices. Provided project construction activities are limited to these hours, and are maintained pursuant to these conditions, construction activities would be exempt and this impact would be considered ***less than significant***.

However, if construction activities are proposed outside of the hours defined by Noise Ordinance Section 9.24.030, noise levels generated by construction activities would likely exceed the maximum noise level standards identified in Table 2 at the nearest residences. ***This impact would be considered significant.***

Mitigation for Criteria A: Restrictions on hours of construction operations

MM-1: Noise-generating construction activities shall not occur within the hours identified in Noise Ordinance Section 9.24.030.

Significance after Mitigation: *Less than Significant*

Criteria B: Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels.

At the nearest residence to the proposed construction area, approximately 25 feet away, construction-generated vibration levels are predicted to be less than the 0.25 in/sec PPV threshold at which vibration levels become distinctly perceptible. As a result, this impact is considered ***less than significant***.

Criteria C: A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project.

The proposed construction activities are associated with the development only, and would cease upon completion of the project. Any potential increases in ambient noise levels in the project vicinity resulting from project construction activities would be temporary, and would only occur during the project construction phase. As a result, there would be no permanent increase in ambient noise levels as a result of this project and ***no permanent impacts would result from the project***.

Criteria D: A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project.

The ambient noise environment in the immediate project vicinity is primarily defined by traffic on the nearby roadways (Strauch Drive and Huntington Drive). The ambient noise measurement site was located approximately 25 feet from the centerline of Huntington Drive - approximately the same distance from the nearest residential property to the west of the project to the centerline of Huntington Drive. According to the ambient noise level measurement results (representative of ambient noise levels at residences adjacent to Huntington Drive), the measured daytime maximum noise level was 79 dB L_{max}. Based on the measured daytime noise level at the measurement site, maximum noise levels generated during project construction activities are not expected to substantially exceed existing maximum noise levels currently received by nearby residences. Further, given the relatively short duration of construction, and the fact that construction activities would be limited to daytime hours pursuant to Mitigation Measure 1, project construction activities are not expected to result in adverse public reaction from the nearby residents. However, because average noise levels generated by project construction activities could result in periods of substantial increases in ambient noise levels, ***this impact is considered potentially significant***.

Mitigation for Criteria D: Construction Noise Control Measures

MM-2: To the maximum extent practical, the following measures should be incorporated into the project construction operations:

- Pursuant to MM1, noise-generating construction activities at the project site shall not occur within the hours identified in Noise Ordinance Section 9.24.030.
- All noise-producing project equipment and vehicles using internal-combustion engines shall be equipped with manufacturers-recommended mufflers and be maintained in good working condition.
- All mobile or fixed noise-producing equipment used on the project site that are regulated for noise output by a federal, state, or local agency shall comply with such regulations while in the course of project activity.
- Electrically powered equipment shall be used instead of pneumatic or internal-combustion-powered equipment, where feasible.
- Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practicable from noise-sensitive receptors.
- Project area and site access road speed limits shall be established and enforced during the construction period.
- Nearby residences shall be notified of construction schedules so that arrangements can be made, if desired, to limit their exposure to short-term increases in ambient noise levels.

Significance after Mitigation: Less than Significant

Criteria E: For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Because the project site is not located within 2 miles of a public airport, ***no noise impact*** is identified relative to this significance criteria.

Criteria F: For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

Because the project site is not located in the vicinity of a private airstrip, ***no noise impact*** is identified relative to this significance criteria.

Conclusions and Recommendations

This analysis concludes that, with implementation of feasible noise mitigation measures, all potentially significant noise impacts resulting from the project can be mitigated to a less than significant level. In addition, this analysis concludes that project-generated vibration will not result in adverse impacts at the nearest residences.

This concludes BAC's noise and vibration assessment for the proposed Huntington Senior Apartments in Roseville, California. Please contact BAC at (916) 663-0500 or paulb@bacnoise.com with any questions regarding this assessment.

Appendix A

Acoustical Terminology

Acoustics	The science of sound.
Ambient Noise	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
Attenuation	The reduction of an acoustic signal.
A-Weighting	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
Decibel or dB	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
CNEL	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by a factor of three and nighttime hours weighted by a factor of 10 prior to averaging.
Frequency	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz.
L_{dn}	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
L_{eq}	Equivalent or energy-averaged sound level.
L_{max}	The highest root-mean-square (RMS) sound level measured over a given period of time.
Loudness	A subjective term for the sensation of the magnitude of sound.
Masking	The amount (or the process) by which the threshold of audibility is for one sound is raised by the presence of another (masking) sound.
Noise	Unwanted sound.
Peak Noise	The level corresponding to the highest (not RMS) sound pressure measured over a given period of time. This term is often confused with the Maximum level, which is the highest RMS level.
RT₆₀	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
Sabin	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 sabin.
SEL	A rating, in decibels, of a discrete event, such as an aircraft flyover or train passby, that compresses the total sound energy of the event into a 1-s time period.
Threshold of Hearing	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
Threshold of Pain	Approximately 120 dB above the threshold of hearing.





Notes:

Left: Short-term noise and vibration measurement Site 1, facing east

Right: Short-term noise and vibration measurement Site 1, facing south along Huntington Drive

Huntington Senior Apartments

Roseville, California

Noise & Vibration Measurement Site Photos

Appendix B



Attachment 6

Water Conservation Plan for the Huntington Senior Apartments, prepared by Kimley-Horn and Associates, Inc.

September 27, 2018



MEMORANDUM

To: City of Roseville

From: Kimley-Horn and Associates, Inc.

Date: September 27, 2018

Subject: Water Conservation Plan for the Huntington Senior Apartments

The purpose of this memorandum is to provide the project background, project description, and purpose of the Water Conservation Plan (WCP) for the Huntington Senior Apartments (proposed project). This memorandum described the relationship of the proposed project to expected water use through an analysis of water use estimates, water supply, and City of Roseville (City) water conservation requirements. This memorandum evaluates this information and present potential feasible measure and mechanisms to reduce the water usage that would result from the proposed project.

SUMMARY

Implementation of water conservation methods described above will reduce water demands by 3.73 acre-feet per year (AFY) or approximately 24.8%, below the 15.07 AFY that would be realized without the conservation measures. Ultimately, the actual water conservation will be dependent on a number of factors including the participation and adherence by the property owners and senior residents within the individual apartments. However, this can be mitigated by ensuring the project development incorporates the listed measures such as integrated on-demand water heaters, low flush toilets, reduced turf area, and use of low demand plants and smart irrigation controls.

BACKGROUND

Water Conservation Plan Purpose

In February 2008, then California Governor Arnold Schwarzenegger introduced a seven-part comprehensive plan for improving the Sacramento-San Joaquin Delta. As part of this effort, the Governor directed state agencies to develop a plan to reduce statewide per capita urban water use by 20 percent by the year 2020. In February 2010, the State Water Resources Control Board (SWRCB) issued the 20x2020 Water Conservation Plan, which sets forth a statewide road map to maximize the state's urban water efficiency and conservation opportunities between 2009 and 2020, and beyond.

As part of the response to the 20x2020 Plan, the City has a requirement that all new specific plan projects incorporate water conservation measures into the overall project design such that the overall water demands (both potable and recycled) are reduced. The City has an overall conservation goal of 20% for potable and irrigation water usage throughout the City.

This WCP presents potentially feasible measures and guidance that can result in a reduction of the projected overall water usage within the proposed project, which will contribute towards the City-wide conservation goal. The projected reduction in water use will be established by estimating the baseline water demands without conservation measures; identification of potentially feasible conservation measures; and estimating the resultant water demands with application of the identified conservation measures. This WCP has been developed in conformance with the Water Efficient Landscape Ordinance (WELO) as a minimum.

Project Vicinity

The proposed project is located at 1650 Huntington Drive southwest of the intersection of Douglas Road and Rocky Ridge Road. The project site is bound Strauch Drive to the northeast, Huntington Drive to the west, Rocky Ridge Road to the east, and approximately 1.75 acres of undeveloped land and single family residential uses to the south. The area surrounding the project site is characteristic of a suburban land use pattern. To the north, adjacent to both sides of Douglas Boulevard, land uses are dominated by commercial and retail development with the Kaiser Permanente Roseville Medical Center at the northeast of the intersection with Rocky Ridge Road. The project vicinity is shown in Figure 1 – *Project Vicinity*, below.

Project Description

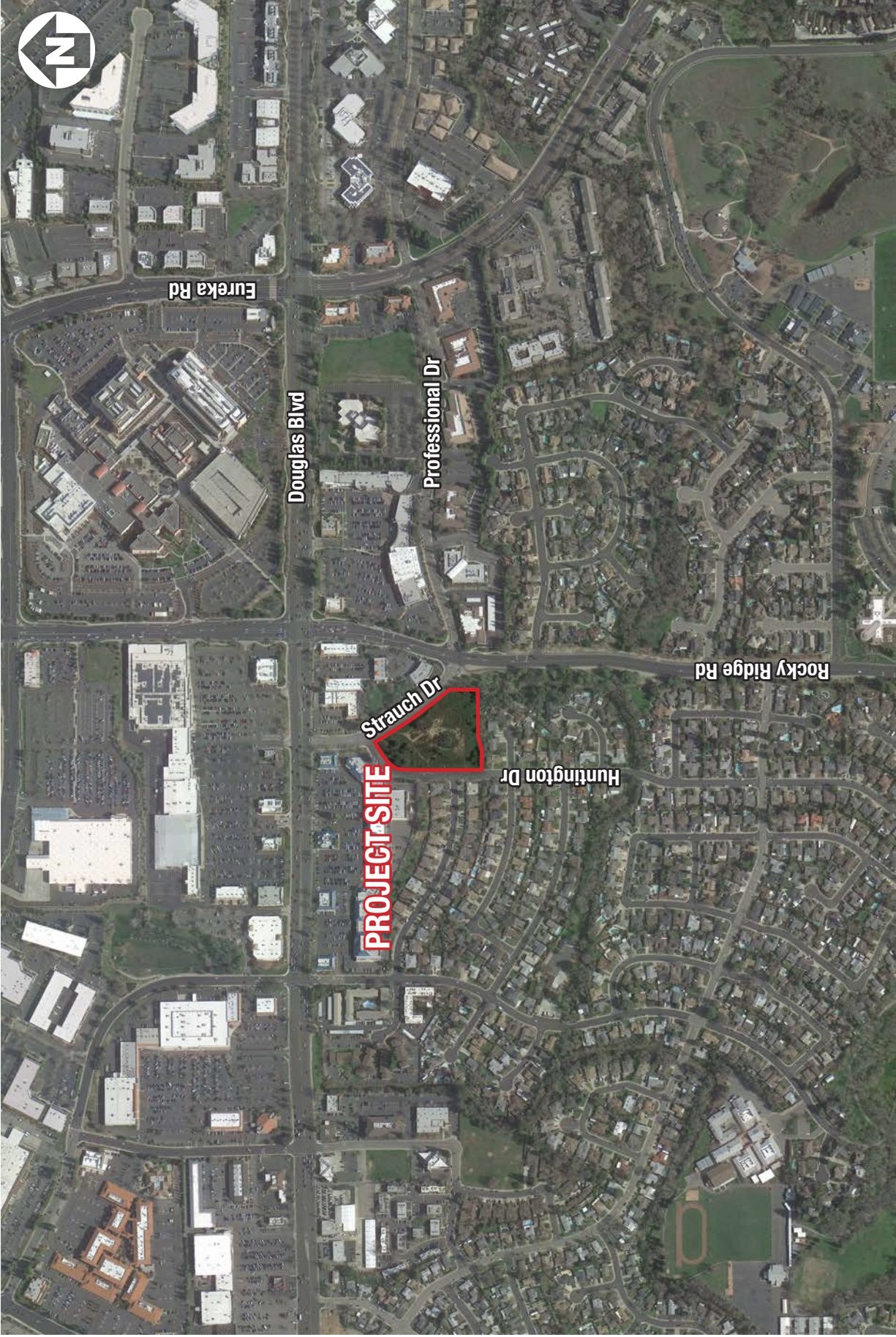
The proposed site consists of approximately 3.2 acres, and due to this size as well as the surrounding development and existing roadway configuration, the land uses that would be suitable to the project site and opportunities for developments are somewhat constrained. The proposed project, however, would be developed in a pattern, design, use, and with access points that would be consistent with the surrounding areas. The proposed project would include 76 one- and two-bedroom senior living units, including a clubhouse, 94 total parking spaces, and access via Strauch Drive and Huntington Drive. The proposed project would result in approximately 24 dwelling units per acre. The proposed project site plan is shown in *Figure 2 – Proposed Site Plan*, below.

Pre-Development Conditions

The project site is located on an undeveloped parcel and is approximately 3.2 acres in size. The site largely consists of grassy and low-lying vegetation with a few centrally located trees and stands of trees in the northerly, southwesterly, and southeasterly corners of the lot. The central portion of the site is crowned with a small hill rising 20-30 feet above the margins of the project site. Portions of the hill are heavily disturbed with bare soil and evidence of off-road vehicle use.

Baseline Water Use Estimation

The calculation for the baseline water use estimation was established based on the proposed land uses that would occur with implementation of the proposed project as shown in *Figure 2 – Proposed Site Plan*. The baseline water use for the proposed project was established using the January 2016 City of Roseville Design Standards for Domestic Water Supply System Design (RDSWSD) flow determination table. The RDSWSD was amended in 2017 and updated requirements for the domestic



HUNTINGTON SENIOR APARTMENTS

Vicinity Map

FIGURE 1

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water supply system but did not update the demand factors. Accordingly, the City employs standard demand factors for residential land uses of varying densities as well as for commercial and other uses. The determination of flow volumes for a specific land use category considers the maximum day domestic demand in conjunction with an emergency fire flow demand. The residential demands are presented as gallons per day (GPD) per dwelling unit (DU), and the commercial/other demands are presented as GPD per acre. The City's Demand Factors are presented in *Table -1 – Water Demand Factors*, below.

Table -1 Water Demand Factors		
Land Use Category	Land Use Designation and Density	Average Day Unit Water Demand Factors
Residential	LDR (<3.5 DU's/ac)	728 gpd/DU
	LDR (<3.5 to 5.0 DU's/ac)	600 gpd/DU
	LMDR (>5.0 to 6.0 DU's/ac)	521 gpd/DU
	LMDR (>6.0 to 8.0 DU's/ac)	430 gpd/DU
	MDR (>8.0 to 12.0 DU's/ac)	323 gpd/DU
	HDR (>12.0 to 16.0 DU's/ac)	288 gpd/DU
	HDR (>16.0 DU's/Ac)	177 gpd/DU
Commercial/Other	Commercial/Retail	2,598 gpd/ac
	Business Professional	2,598 gpd/ac
	Light Industrial	2,598 gpd/ac
	Industrial	2,562 gpd/ac
	Railroad Yard	109/gpd/ac
	Elementary Schools	3,454 gpd/ac
	High Schools	4,068 gpd/ac
	Public (Fire Stations, etc.)	1,780 gpd/ac
	Park/Recreation	2,988 gpd/ac
	Open Space/Major ROW	--
	Vacant/Unassigned	--
Source: City of Roseville Design Standards – Domestic Water Supply System Design – January 2016. Abbreviations: ac=acre, LDR=Low Density Residential, LMDR=Low-Medium Density Residential, MDR=Medium Density Residential, HDR=High Density Residential, GPD=gallons per day, DU=dwelling unit, AFY=acre feet per year		

Existing Land Use Designation Water Demand

Utilizing the City's demand factors, the estimated annual water use for the Low-, Medium- and High-Density Residential, the water demand for the currently approved land uses on the project site, development of 23 units of MDR, have been calculated. The basis for the proposed project considering High Density Residential Uses (>16.0 DU's/ac) is presented in *Table 2- Existing Land Use Designation Water Use Estimate*. Based on the 23 units, the average daily water use was calculated as well as the yearly demand in acre feet per year. An acre foot is defined as the volume of water that would cover and acre of land a foot deep.

Table -2 Existing Land Use Designation Water Use Estimate						
Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Average Daily Demand (GPD)	Average Day Demand (AF)	Average Day Demand with 2% (AF) ¹	Yearly Demand (AF)
MDR (>8.0 to 12.0 DU's/ac)	23	430	9,890	0.030	0.031	11.3
Total	--	--	9.890	0.030	0.031	11.3
Source: Kimley-Horn, 2018 ¹ Demand accounts for 2% system loss Abbreviations: HDR=High Density Residential, GPD=gallons per day, DU=dwelling unit, AFY=acre feet						

Proposed Project Water Demand

Utilizing the City's demand factors, the estimated annual water use for the Low-, Medium- and High-Density Residential units proposed for the project site have been calculated. The basis for the proposed project considering High Density Residential Uses (>16.0 DU's/ac) is presented in *Table 3- Huntington Senior Apartments Water Use Estimate*. Based on the number of proposed units, the average daily water use was calculated as well as the yearly demand in acre feet per year. An acre foot is defined as the volume of water that would cover an acre of land a foot deep.

Table -3 Huntington Senior Apartments Water Use Estimate					
Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Average Daily Demand (GPD)	Total Average Day Demand (AF)	Total Average Day Demand with 2% (AF) ¹
HDR (>16.0 DU's/Ac)	76	177	13,452	0.041	0.042
Total	--	--	13,452	0.041	0.042
Source: Kimley-Horn, 2018 ¹ Demand accounts for 2% system loss Abbreviations: HDR=High Density Residential, GPD=gallons per day, DU=dwelling unit, AFY=acre feet					

The water use estimation, as established by the City for purposes of water conservation does not distinguish between potable water and recycled water. *Table 4 – Huntington Senior Apartments Water Use Factors and Demands*, below.

Table 4 – Huntington Senior Apartments Water Use Factors and Demands						
Land Use Abbreviation and Zoning	Total Area (Acres)	Dwelling Unit County	Water Use Factor	Daily Demand (GPD)	Annual Demand (AFY)	Annual Demand with 2% (AFY) ¹
HDR	3.2	76	177 GPD/DU	13,452	15.07	15.25
Source: Kimley-Horn, 2018 ¹ Demand accounts for 2% system loss Abbreviations: HDR=High Density Residential, GPD=gallons per day, DU=dwelling unit, AFY=acre feet per year						

Residential Water Use Distribution

Overall water use and demand for Low-, Medium- and High-Density Residential (LDR, MDR, and HDR) will vary due to different in home and landscaping demands. Overall water use, however, can be divided by typical uses within the homes and landscaping and irrigation demands outside the home. Because LDR, and MDR typically have front and back yards the associated irrigation demand for landscaping is greater than that of HDR uses. Generally, landscaping for a single-family home is approximately 51% of the water demand. Other in-home uses that require water include toilets, faucets, cooking, cleaning, showers, clothes washing, bath, toilet leaks, and dishwashers. The percentage of total use will have different distribution for HDR which is primarily attributable to a reduction in the demand for irrigated landscaped areas. Therefore, the 51% landscaping demand is attributable only to LDR and MDR and is not applicable to HDR. HDR developments, however, do typically have common areas that require landscaping which is discussed in more detail further below. *Table -5 Residential Water Use Percentages*, below, provides an approximate breakdown of the percentage of water used for the different in-home uses.

Table – 5 Residential Water Use Percentages	
Landscaping	51% ¹
Toilets	13%
Faucets, Cooking, Cleaning	10%
Showers	9%
Clothing Washing	8%
Bath	6%
Toilet Leaks	2%
Dishwasher	1%
Source: Kimley-Horn, 2015 ¹ The 51% landscaping demand is attributable to LDR and MDR and is not applicable to HDR.	

As discussed above, HDR units typically do not have front yard and back yard irrigation demand; however, there are common area irrigation demands that are attributable to HDR unit. Average planning numbers for irrigation demands for HDR units is 20% of the estimated overall water usage. This value is expressed as 20% of the annual irrigation demand and no passed on designation of demands split between front and back yard area designations. *Table 6 – Huntington Senior Apartments Irrigation Water Demands*, below presents a summary of demands based on the assumptions listed above.

Table 6- Huntington Senior Apartments Irrigation Water Demands				
Land Use	Annual Demand (AFY)	Annual Demand Front Yard (AFY) ¹	Annual Demand Backyard (AFY) ¹	Annual Total Irrigation Demand (AFY)
HDR	15.07	N/A	N/A	3.01
Source: Kimley-Horn, 2018 ¹ Demand for HDR parcels does not include front yard and backyard water demand. As discussed above, irrigation demand for common areas is approximately 20% of the annual AFY water demand. Abbreviations: HDR=High Density Residential, AFY=acre feet per year				

Water Use Reduction Strategies

A series of implementable water use reduction strategies and methods were identified and analyzed to calculate a quantifiable savings in water demand for the proposed project. These strategies are discussed in more detail in the following subsections of this document, including the estimated percentage of water use reduction.

The water use reduction strategies identified for the proposed project include:

- Reduction of turf areas;
- Reduction of common area turf (non-residential);
- Irrigation Management;
 - Smart weather irrigation
- Water Conservation Methods
 - Recirculating hot water systems, and
 - Low flow toilets

Reduction in Turf Areas

The most effective and cost-efficient way to reduce water demand is by limiting the use of turf and replacing turf with low water use plants and landscaping. Because turf areas account for a sizeable portion of the water demand of residential developments they typically can be used for a sizable reduction in water use. However, because the size of turf areas is limited in HDR uses the potential to save water by converting to low water demand landscaping can be limited. When turf is able to be converted to low water demand landscaping, the City estimates that for the same sized area of turf, low-water consumption vegetation can result in a water savings of up to 70%.

For typical front yard landscaping in LDR and MDR developments, a general estimate is that 30% of the total yard area is non-irrigated hardscape and irrigated landscaping typically occupies about 70%. Although HDR developments do not typically have front yard and rear yards with landscaping, there are landscaped common areas, paseos, and greenways that are available to residents and require watering. For the purpose of this analysis, it is assumed these areas generally would occupy a total of approximately 65% of the area not developed in the residential footprint. It should be noted that LDR and MDR developments typically contain, and sometimes contain sizeable, rear/back-yards where homeowner has the responsibility for backyard landscaping and the is only able influence the front-yard landscaping. In HDR developments, however, backyard areas are generally small or not provided and the developer will likely be able to influence landscaping and water use in these areas. In these instances, the developer can reduce the area covered by turf and replace it with low water demand landscaping.

For the purposes of this analysis, it is assumed that for developments similar to the proposed project that 70% of the irrigated landscape would be turf and 5% would be low water use areas. This is referred to as the baseline condition and is compared to the water conservation measures that will be used in the proposed project as shown in *Table 7 – Huntington Senior Apartments Reduced Landscape Turf Areas*, below.

Table 7 – HDR Base Condition Compared to Huntington Senior Apartments						
Land Use	Base Condition			Proposed Condition		
	Turf Area	Low Water Use Area	Hardscape	Turf Area¹	Low Water Use Area	Hardscape
HDR	70%	5%	25%	3.2%	33.4%	63.4%
Source: Kimley-Horn, 2018						
¹ Turf areas within the proposed project are used as bioswales to aid water infiltration and drainage.						
Abbreviations: HDR=High Density Residential						

In an HDR development such as the proposed project, it would be reasonable reduce irrigated lawn areas to 42%. The proposed project, however, would reduce the irrigated lawn area further, and is proposing to reduce the percent of the total irrigated area containing lawn/turf to 4,448 sf or 3.2% of the overall project site. The remaining 46,552 sf of landscaped area would account for 33.4% of the total project area of 139,392 sf (3.2 acres). This area would be planted with low water demand plants and other landscaping to reduce overall water demand. In addition, although the turf areas would be irrigated, these areas would be used as bioswales that have an added benefit of reducing run-off and erosion and promoting water infiltration and groundwater recharge. Lastly, the use of low water demand vegetation provides other benefits such as enabling the use of more efficient irrigation systems such as drip watering.

Table 8- Huntington Senior Apartments Irrigated Area Water Efficiencies, below, shows the HDR annual demand for irrigation without turf reductions and applies the water savings percentage that would accompany the incorporation of low water consumption plants for landscaped areas.

Table 8 – Huntington Senior Apartments Irrigated Area Water Efficiencies.				
Land Use	Annual Irrigation Demand (AFY)	New Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)
HDR	3.01	.83	2.18	72%
Source: Kimley-Horn, 2018 Abbreviations: HDR=High Density Residential, GPD=gallons per day, DU=dwelling unit, AFY=acre feet per year				

As an example of how these values were calculated, the calculation for the new demand and annual demand savings is presented as follows:

$$\left(\frac{46,552 \text{ sf}}{51,000 \text{ sf}} * 30\% \right) + \left(\frac{4,448 \text{ sf}}{51,000 \text{ sf}} * 100\% \right)$$

$$.2738 + 0.08 = 27.46. \%$$

$$3.01 \text{ AFY} * 27.46\% = 0.83 \text{ AFY}$$

Notes:

46,552 sf = low water demand vegetation and landscaping;

51,000 sf = total landscaped area;

4,448 sf = landscaping using turf;

25% = reduced water usage from low-water demand vegetation and landscaping;

100% = full water demand for turf areas.

3.01 = water use expected from typical HDR development (20% of 15.07 AFY).

Irrigation Management

Smart and centrally located irrigation controllers restrict irrigation to times and rates necessary to maintain landscaping. They account for changes in the demand for water, which varies with weather patterns, seasonal influences and soil moisture content. For use in the Huntington Senior Apartments project, smart irrigation controllers, as defined in WELO, will be required for all irrigated parcels. As referenced in previous studies for the City, a number of studies have been completed specifically on the conversion to smart irrigation controllers and the resultant water savings. Those studies suggest that water use reductions can be expected between 7% and 41%. This is a wide range of variability. Since the Huntington Senior Apartments are an entirely new development all irrigation applications will employ the use of smart irrigation controllers (per WELO). Therefore, a water use reduction value of 20% has been estimated for purposes of this analysis, consistent with previous analyses completed for

similar developments within the City. The sample calculation is presented below and the values are summarized in *Table 10- Huntington Senior Apartments Smart Irrigation Controller Water Efficiencies*, below.

Table 10 – Huntington Senior Apartments Smart Irrigation Controller Water Efficiencies				
Land Use	Annual Irrigation Demand (AFY)	Annual Demand Savings (%)	New Irrigation Demand w/Controller (AFY)	Annual Demand Savings (AFY) -
HDR¹	0.83 AFY	20%	0.66 AFY	0.16 AFY
Source: Kimley-Horn, 2018				
¹ Annual Irrigation demand derived from Table 7.				

Water Conservation Methods

There are many water conservation measures that can be implemented throughout the Huntington Senior Apartments project. Some of these conservation measures, including low flow shower heads, faucet aerators, etc., have already been included to the proposed project. The proposed project, however, also would include on demand hot water heaters and single flush toilets. On-demand hot water systems feature a tankless system which reduces the time necessary to receive hot water at any hot water faucet throughout the home. They provide hot water at the tap immediately upon engaging the hot water faucet, eliminating the waste of water as the user does not wait for the cold water to clear through the pipes and transition to hot water at the tap. This type of system will be included on all residential units to generate additional water conservation. The amount of water savings with these systems varies based on the number of times hot water is utilized throughout the day. A conservative estimate indicates a water savings of approximately 1.25 gallons per use is saved by having on-demand hot water for the hot water system. It is estimated that on average this would occur six times per day per residential unit, consistent with previous studies for the City. *Table 11 – On-Demand Hot Water System Water Efficiencies*, shows the estimated water savings, below. The proposed project did consider using a recirculating hot water system which uses a pump(s) to maintain hot water within the pipes. However, these systems require additional energy consumption to pump cooled water back to the tank where is it reheated to maintain a consistent hot water supply and loses efficiency.

Table 11 – On-Demand Hot Water System Water Efficiencies				
Land Use	Dwelling Unit Count	Savings per Dwelling Unit per day (gal)	Annual Demand Savings (AFY)	Annual Demand Savings (%)
HDR	76	7.5	0.64	4.2%
Source: Kimley-Horn, 2018				
Abbreviations: HDR=High Density Residential, gal=gallons, AFY=acre feet per year, %=percent				

The 2016 California Plumbing Code (CPC) requires water closets to use a maximum of 1.6 gallons of water per flush (gpf). The proposed project will use water efficient toilets with flush rates and flows below the existing requirements of the California Plumbing Code. Accordingly, the project proposes to

use toilets that require 1.0 gpf, which is 0.6 gpf less than existing standards. As discussed above, and shown in *Table 12-Low Flow Toilet Water Savings*, below, toilets use an estimated 13% of overall residential water use which would be 1.9 AFY. This analysis assumes the proposed project will install higher efficiency toilets that will use 1.0 gpf instead of the 1.6 gallons per flush that is required. This represents an approximately 38% water savings over the conventional 1.6 gpf CPC requirement, and would result in a total water savings of 0.72 AFY.

Table 12-Low Flow Toilet Water Savings			
Land Use	1.6 GPF Annual Toilet Water Demand (AFY)	Efficient Toilet Demand (AFY)	Water Savings (AFY)
HDR	1.96 ¹	1.21 ²	0.75
Source: Kimley-Horn, 2018 ¹ Based on 13% of total water demand (15.07 AFY); ² Based on 38% greater efficiency than 1.9 AFY. Abbreviations: HDR=High Density Residential, AFY=acre feet per year, gpf=gallons per flush.			

Conclusion

A series of water conservation methods have been proposed for implementation as part of the Huntington Senior Apartments. These methods are readily implemented and are consistent with the goals and objectives of the proposed project and the City.

Table 13, Summary of Water Efficiencies, provides a summary of the water conservation measures and their estimated savings in water use. As shown, with implementation of all the measures an estimated conservation of 21.6% of the project water use would be realized within the project area.

Table 13 - Summary of Water Efficiencies					
Water Conservation Opportunity	Total Water Demand (AFY)	Annual Demand Without Reduction	Annual Demand With Reduction	Water Demand Reduction	Water Demand Reduction (Percent)
Irrigation	15.07	3.01	0.83	2.18	14.5%
Smart Irrigation Controls		0.82	.66	0.16	1.1%
On-Demand Hot Water System ²		1.91	1.27	0.64	4.2%
Low Flush Toilets		1.96	1.21	0.75	5.0%
Other Water Uses ¹		7.37	7.37	0.0	0.0%
Total		15.07	11.34	3.73	24.8%

¹ Other water uses include faucets, cooking, cleaning, clothing washing, bath, toilet leaks, and dishwasher.

² Assumes a 25% more efficient delivery of hot water

Source: Kimley-Horn, 2018

Abbreviations: GPD=gallons per day, AFY=acre feet per year, %=percent

The implementation of water conservation methods described above will reduce water demands by approximately 3.73 AFY or approximately 24.8%, below the 15.07 AFY that would be expected to occur if the proposed project was implemented without the listed conservation measures.

In comparison to the water use that would occur if a project under the existing land use designations (Medium Density Residential), the proposed project would use substantially the same volume of water. A project built under the existing land use designations, as shown in *Table 2 Existing Land Use Designation Water Use Estimate*, above, would use approximately 11.3 AFY. As shown in *Table 13-Summary of Water Efficiencies*, above, the proposed project would use approximately 11.34 AFY, which is a difference or approximate 0.04 AFY or 13,034 gallons.

Ultimately, the actual water conservation will be dependent on a number of factors including the participation and adherence by the property owners and senior residents within the individual apartments. However, this can be mitigated by ensuring the project development incorporates the listed measures such as the integrated on-demand water heaters, and low flush toilets, reduced turf area, use of low water demand plants, and smart irrigation controls.

To help ensure that use of these measures are ongoing, both the City and property manager may engage in resident outreach to reinforce the need for water conservation, explain why the proposed measures are in place, and encourage all workers and employees on the site to continue to use water wisely. This may include reminder notices and messages from management, and attachments to water bills, promotion of the City's water conservation website, and making City water conservation staff available for questions.

References:

City of Roseville, 2018 – City of Roseville Design & Construction Standards. [Online: <https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8754129>]. Accessed: July 10, 2018.

Kimley-Horn, 2015 – Amoruso Ranch Specific Plan Area – Water Conservation Plan.

RESOLUTION NO. 19-176

AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATION ON
CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE AND TO CHANGE THE TEXT
WITHIN THE LAND USE ELEMENT

WHEREAS, a proposal has been submitted to amend the General Plan 2035 – Land Use Map of the City of Roseville for that portion of certain real property within the City of Roseville known as Infill Parcels 93 and 196 from Community Commercial (CC) and Medium Density Residential (MDR) to High Density Residential (HDR) (Exhibit B); and

WHEREAS, changing the land use designations necessitates amendments to the text related to said property within the Land Use Element of the General Plan of the City of Roseville (Exhibit B); and

WHEREAS, the Planning Commission held a public hearing on the proposed amendments to the General Plan on March 14, 2019; and

WHEREAS, on March 14, 2019, the Planning Commission considered and adopted the Huntington Senior Apartments Mitigated Negative Declaration and associated Mitigation Monitoring and Reporting Program; and

WHEREAS, on May 1, 2019, the City Council held a public hearing at which time the proposed amendments were considered; and

WHEREAS, on May 1, 2019, the City Council considered the Huntington Senior Apartments Mitigated Negative Declaration and associated Mitigation Monitoring and Reporting Program adopted by the Planning Commission on March 14, 2019; and

WHEREAS, the Council of the City of Roseville desires to approve said amendments to the Roseville General Plan as conducive to public interest, health, safety and welfare, and consistent with the land use practices of the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the amendments changing the Land Use Map and the text within the Land Use Element (attached as Exhibit B) are hereby adopted.

BE IT FURTHER RESOLVED, that the Development Services Director is hereby directed to retain said General Plan Amendments on permanent public display in the Development Services Department of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this _____ day of _____, 20_, by the following vote on rollcall:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

City Clerk

TABLE II-2
TOTAL LAND USE ALLOCATION

USE CATEGORY	GROSS ¹ ACRES	% OF TOTAL ACRES
Residential (RES)	12,854 12,855	45%
Commercial (COM)	2,276 2,275	8%
Business Professional (BP)	792	3%
Industrial (IND)	2,369	8%
Open Space (OS)	3,151	11%
Park & Recreation (PR)	2,136	8%
Public/Quasi Public (P/QP)	2,719	10%
Right of Way (ROW)	1,978	7%
TOTAL	28,274	100%

SOURCE: City of Roseville Planning Division
Updated: September 6, 2017

TABLE II-3
LAND USE ALLOCATION BY INCORPORATED SUBAREA (in acres)

SUBAREA	RES	COM ²	BP	IND ³	OS ⁴	PR ⁵	P/QP ⁶	ROW	TOTAL ACRES
INFILL	3,349 3,350	574 570	201	914	479	465	2,109	426	8,514
SERSP	559	83	99	0	74	111	20	78	1,024
NERSP	132	300	308	0	94	13	10	97	954
NWRSP	1,759	119	11	0	155	353	107	159	2,663
NCRSP	656	339	162	78	183	100	75	232	1,825
NIPA	307	68	6	1,287	173	53	9	129	2,031
DWSP	659	13	0	0	98	378	4	51	1,203
HRNSP	294	162	0	0	37	37	48	99	677
NRSP	998	81	0	0	184	117	68	121	1,569
SRSP	616	35	5	0	270	78	23	90	1,117
WRSP	1,758	55	0	88	705	251	147	190	3,194
RGSP	21	29	0	0	0	0	0	0	50
DTSP	27	110	0	2	0	37	0	0	176
SVSP	1,133	241	0	0	357	105	72	173	2,081
CSP	248	19	0	0	177	16	10	32	502
ARSP	338	51	0	0	165	22	17	101	694
TOTAL ACRES	12,854 12,855	2,276 2,275	792	2,369	3,151	2,136	2,719	1,978	28,274

SOURCE: City of Roseville Planning Division
Updated: September 6, 2017

¹ Gross acreage includes road and highway rights-of-way, easements, etc.

² Commercial includes neighborhood commercial, community commercial, regional commercial and central business district.

³ Industrial includes general industrial, light industrial, and transfer station.

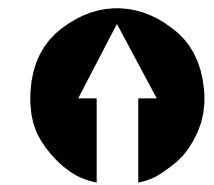
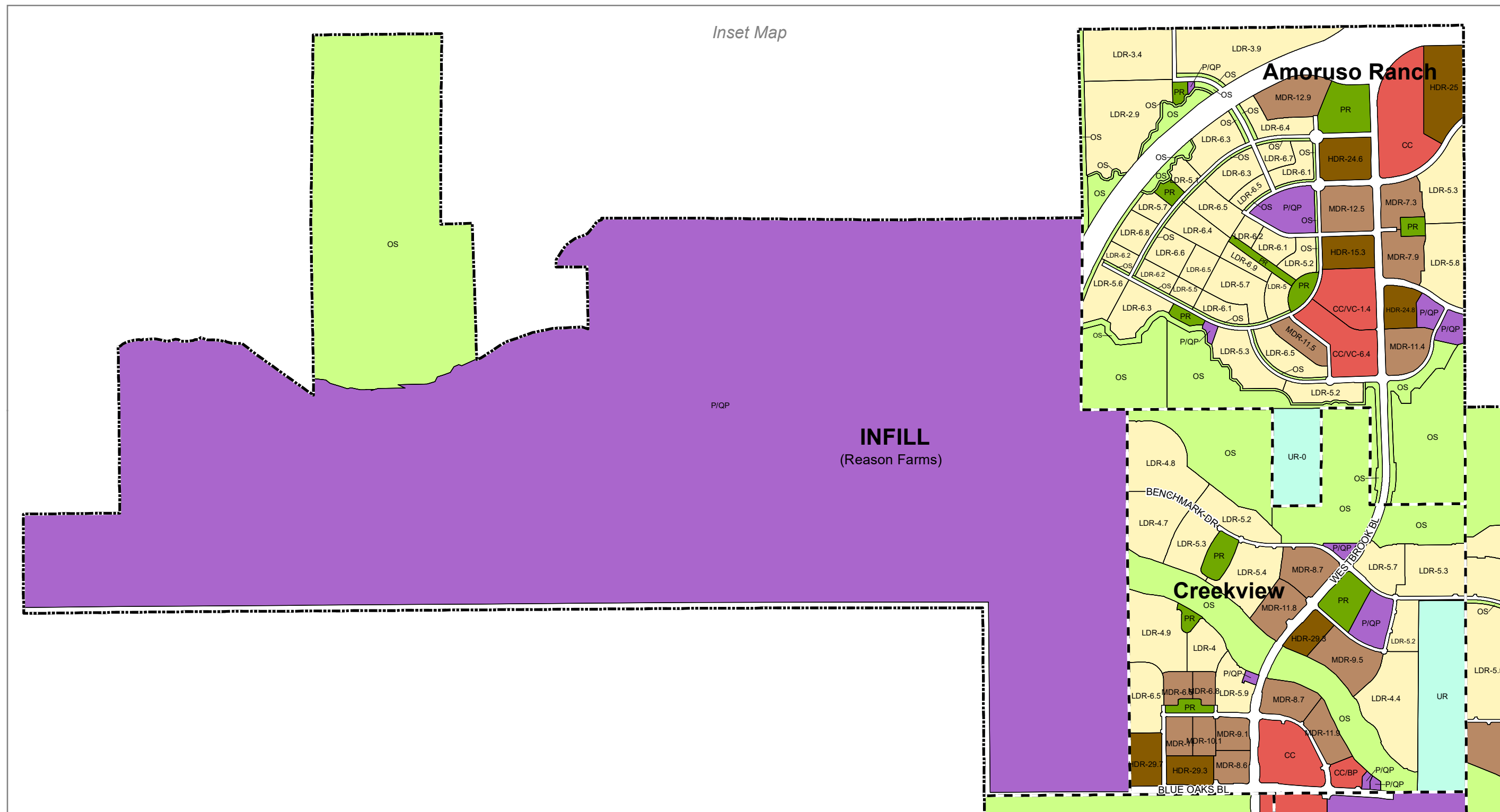
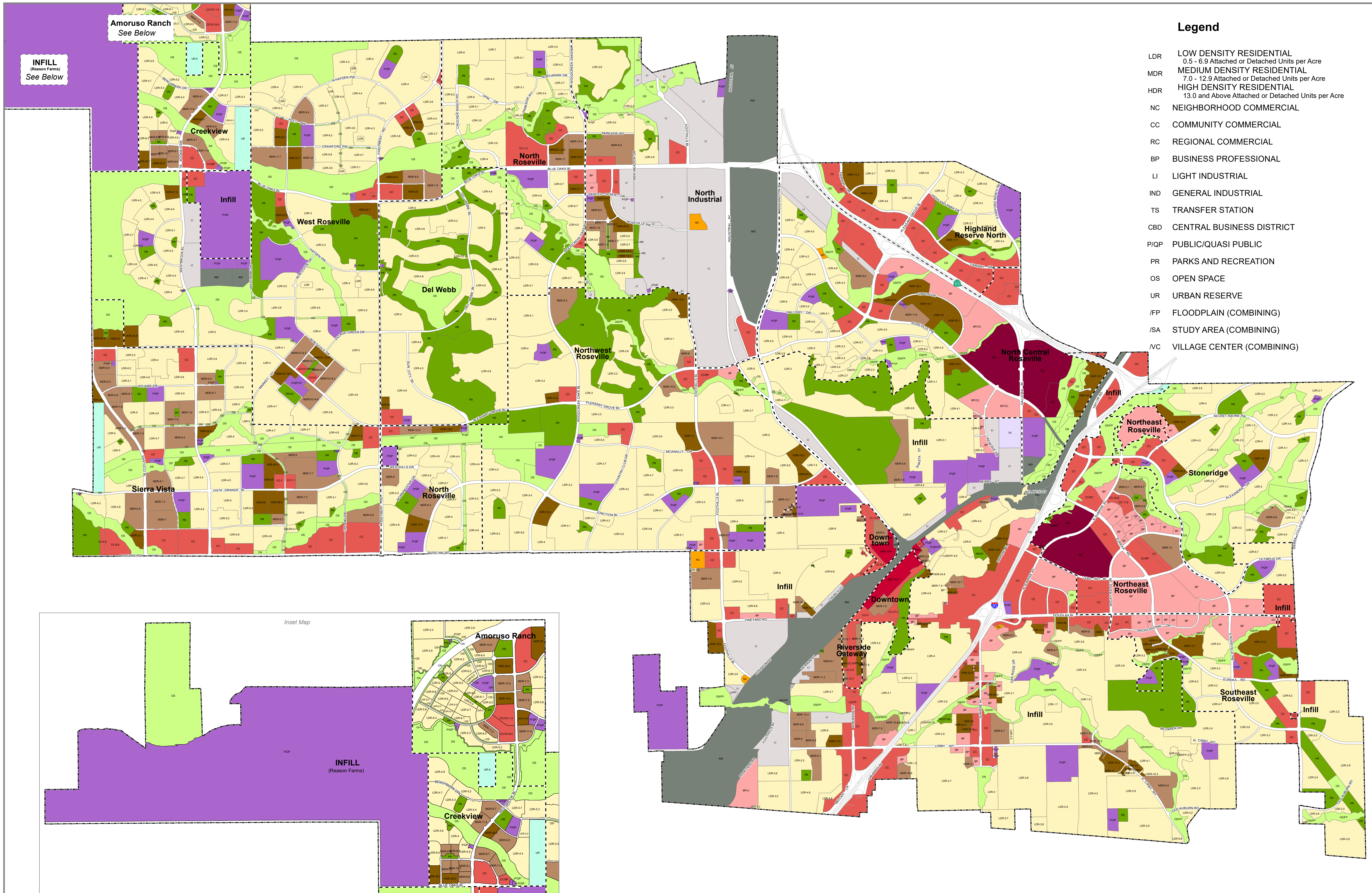
⁴ Open Space includes open space, floodway open space, paseos, wildlife/vernal pool preserves, and 80 acres of Urban Reserve.

⁵ Parks and Recreation includes developed park and recreation areas and golf courses.

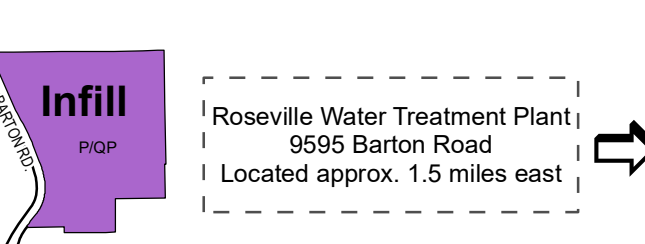
⁶ Public/Quasi Public includes: schools, churches, fire stations, electrical substations, corporation yards, well sites, tank and pump station sites, solid waste recycled drop off and park & ride lots.

Legend

- LDR LOW DENSITY RESIDENTIAL
0.5 - 6.9 Attached or Detached Units per Acre
- MDR MEDIUM DENSITY RESIDENTIAL
7.0 - 12.9 Attached or Detached Units per Acre
- HDR HIGH DENSITY RESIDENTIAL
13.0 and Above Attached or Detached Units per Acre
- NC NEIGHBORHOOD COMMERCIAL
- CC COMMUNITY COMMERCIAL
- RC REGIONAL COMMERCIAL
- BP BUSINESS PROFESSIONAL
- LI LIGHT INDUSTRIAL
- IND GENERAL INDUSTRIAL
- TS TRANSFER STATION
- CBD CENTRAL BUSINESS DISTRICT
- P/QP PUBLIC/QUASI PUBLIC
- PR PARKS AND RECREATION
- OS OPEN SPACE
- UR URBAN RESERVE
- /FP FLOODPLAIN (COMBINING)
- /SA STUDY AREA (COMBINING)
- /VC VILLAGE CENTER (COMBINING)



Last updated: April 2019



ORDINANCE NO.

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE
CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED
WITHIN THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 19.06.020 of the Zoning Ordinance of the City of Roseville, Ordinance No. 5428, is amended to change the zoning of that portion of certain real property within the City of Roseville known as Infill Parcels 93 and 196, as shown and so designated in Exhibit "C", which is attached hereto and incorporated herein by reference, from Planned Development 7 (PD-7) to Attached Housing (R3).

SECTION 2. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 3. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

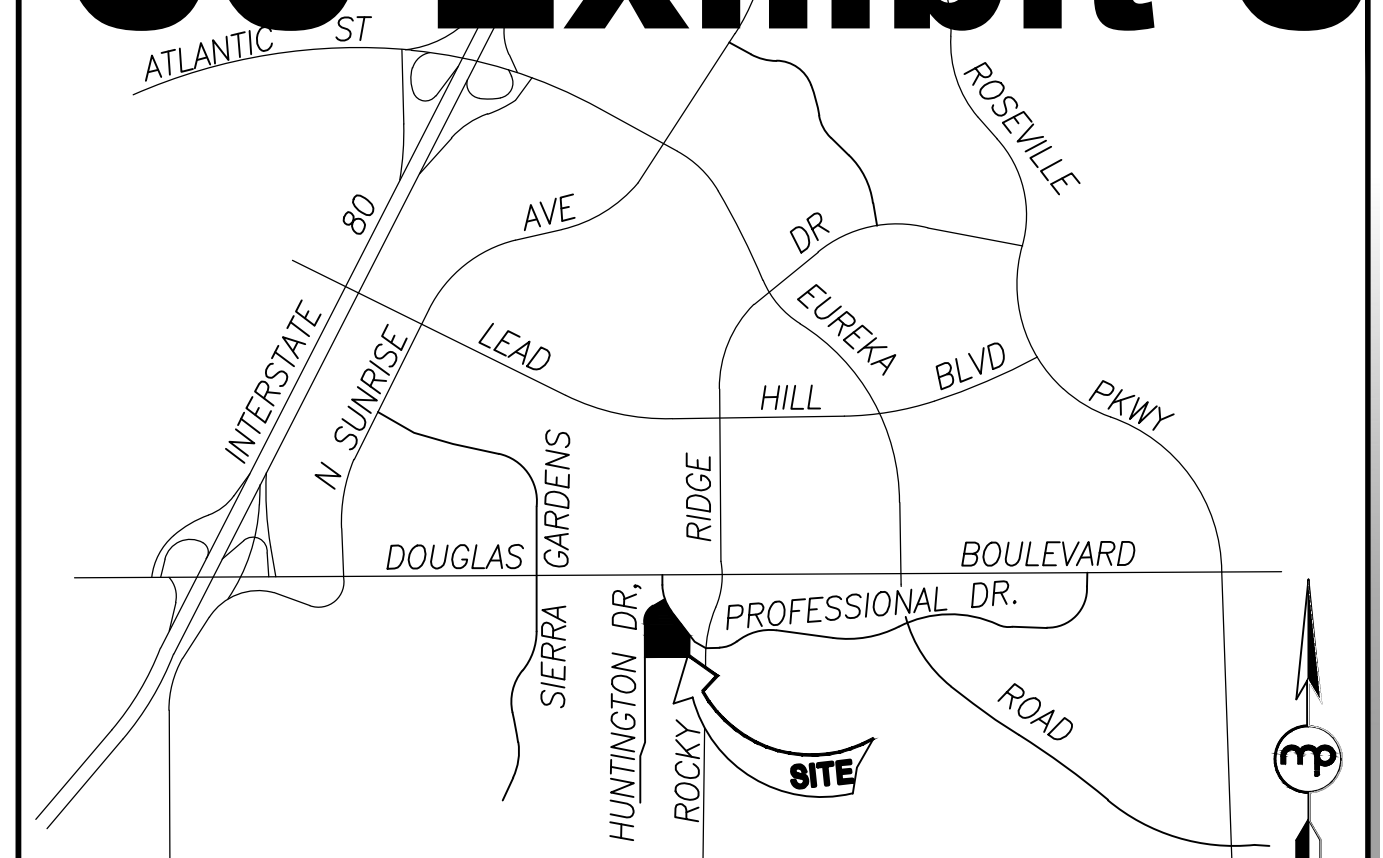
ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CC Exhibit C



VICINITY MAP

OWNER / APPLICANT

STAMAS CORPORATION
3007 DOUGLAS BLVD., SUITE 170
ROSEVILLE, CA 95661
CONTACT: PAUL Z. STAMAS
PHONE: (916) 783-0330
PZSTAMAS@SUREWEST.COM

ENGINEER/PLANNER

MORTON PITALO, INC.
75 IRON POINT CIRCLE, SUITE #120
FOLSOM, CA 95630
CONTACT: KEN TOPPER
PHONE: (916) 984-7621
EMAIL: KTOPPER@MPENGR.COM

PROJECT INFORMATION

ASSESSOR PARCEL NUMBERS 048-260-030 & 048-260-032 (PORTION)

USE: VACANT

REZONE SUMMARY TABLE

DESIGNATION	LAND USE	EXISTING	PROPOSED	DIFFERENCE
PD7	PLANNED DEVELOPMENT	3.36± Ac	0.00± Ac	-3.36± Ac
R3	PLANNED DEVELOPMENT	0.00± Ac	3.36± Ac	+3.36± Ac

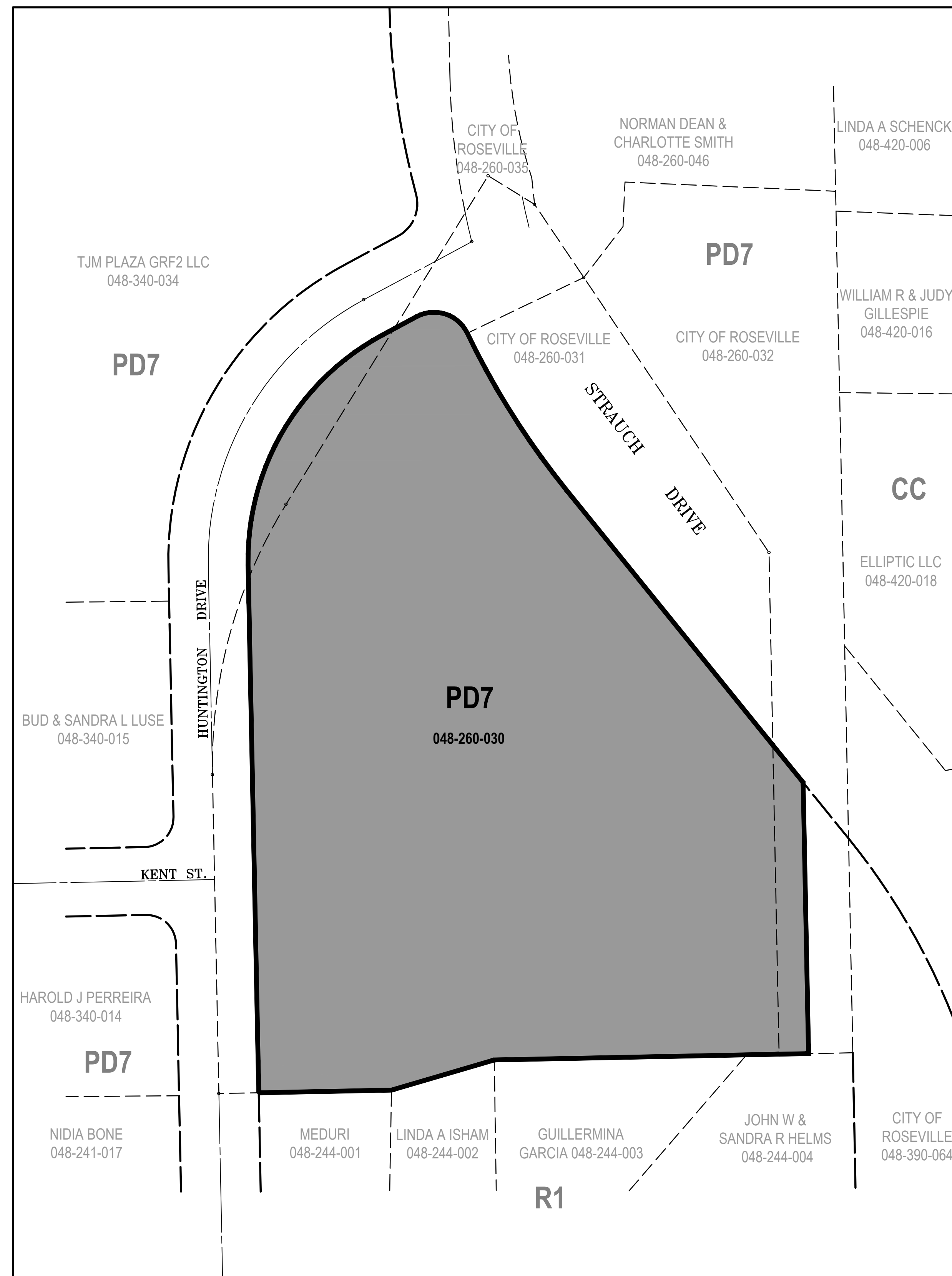
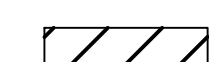
PROJECT INFORMATION

LEGEND

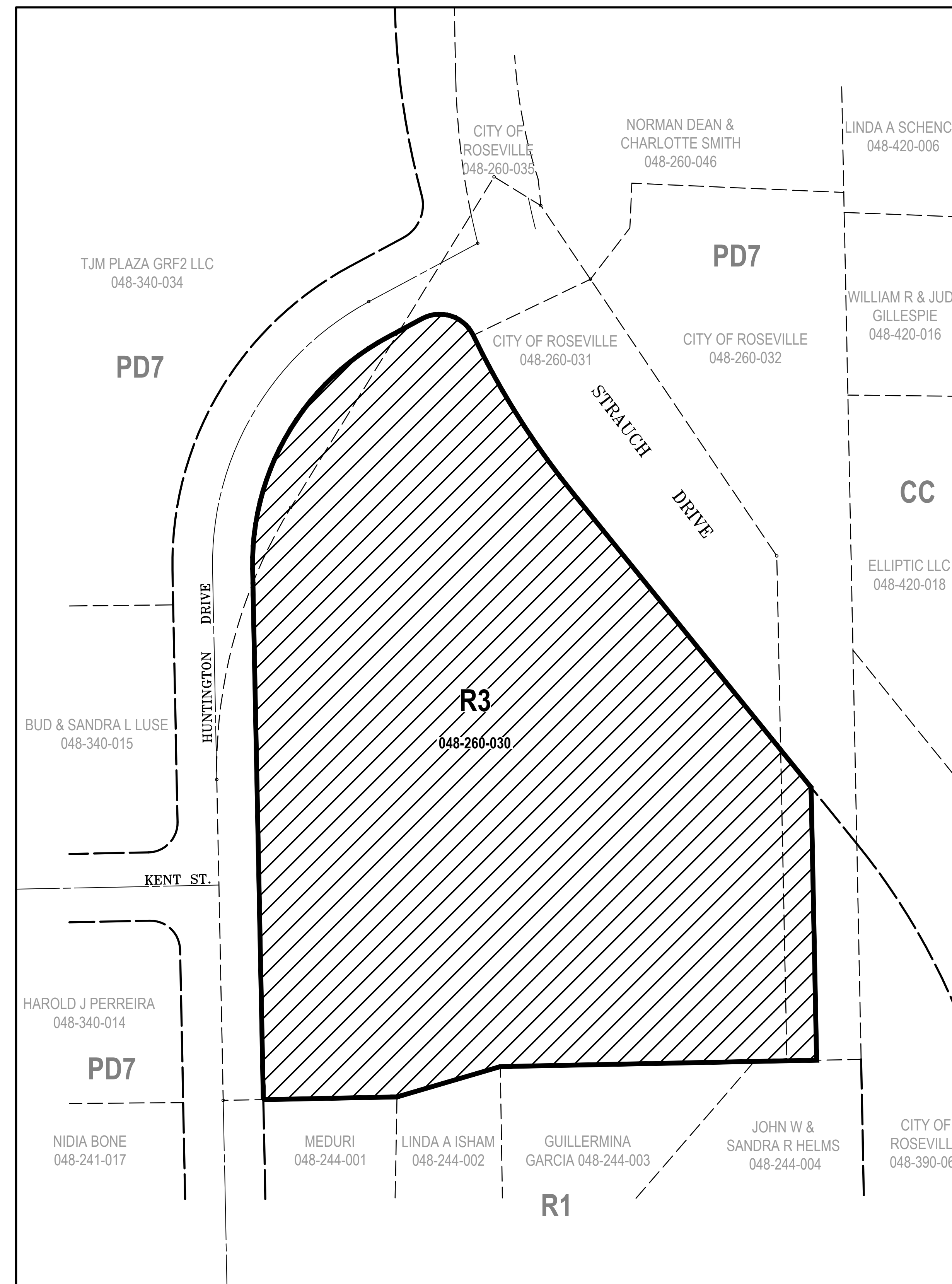
DESIGNATION

PD7

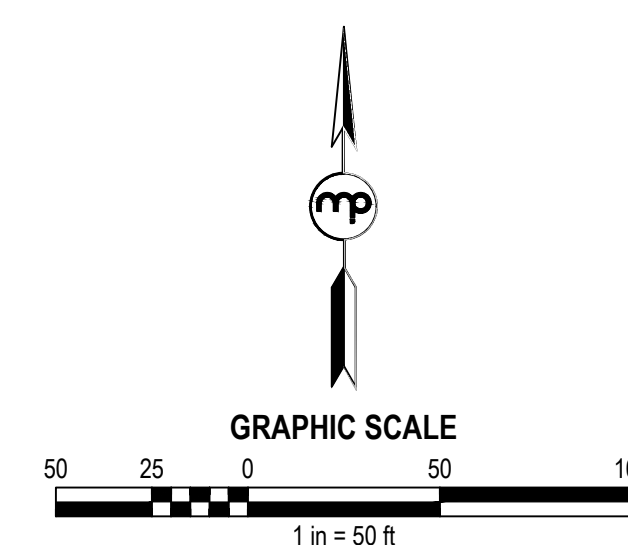
R3



EXISTING ZONING



PROPOSED ZONING



ROSEVILLE SR. APARTMENTS

REZONE MAP
SHEET 1 of 1
MARCH 1, 2019



MORTON & PITALO, INC.
CIVIL ENGINEERING • LAND PLANNING • LAND SURVEYING
 ■ Northern California Office □ Central California Office
 75 Iron Point Circle, Suite 120 7643 North Ingram Avenue, Suite 105
 Folsom, CA 95630 Fresno, CA 93711
 phone: 916.984.7621 phone: 916.853.4505
 survey email: staking@mpengr.com • web: www.mpengr.com

RESOLUTION NO. 19-177

ORDERING SUMMARY VACATION OF CITY RIGHT-OF-WAY
LOCATED AT 1650 HUNTINGTON DRIVE

BE IT RESOLVED by the City Council of the City of Roseville as follows:

WHEREAS, in accordance with the provisions of section 8300, et seq., of the Streets and Highways Code (Chapter 4, Summary Vacation), it is hereby found that City right-of-way located at 1650 Huntington Drive, described in CC Exhibit D, which is attached hereto and incorporated herein by reference, is excess and no longer needed; and

WHEREAS, the right-of-way is located alongside Huntington Drive, which is a completed roadway in a location consistent with the City's General Plan, where additional right-of-way is not required; and

WHEREAS, the right-of-way is excess, is not required for street or highway purposes, and can accordingly be summarily vacated; and

IT IS HEREBY ORDERED:

1. That the right-of-way located at 1650 Huntington Drive described in CC Exhibit D is hereby vacated pursuant to Streets and Highways Code section 8334, and shall, as of the date of adoption of this resolution, no longer constitute City right-of-way; and
2. The City Clerk is hereby directed to cause a certified copy of this Resolution and Order, attested to by said Clerk under the seal of the City of Roseville, to be recorded in the Office of the County Recorder.

PASSED AND ADOPTED by the Council of the City of Roseville this _____ day
_____ of _____, 20____, by the following vote on rollcall:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

City Clerk

EXHIBIT "A"
LEGAL DESCRIPTION
SUMMARY VACATION OF RIGHT OF WAY
PAGE 1 OF 1

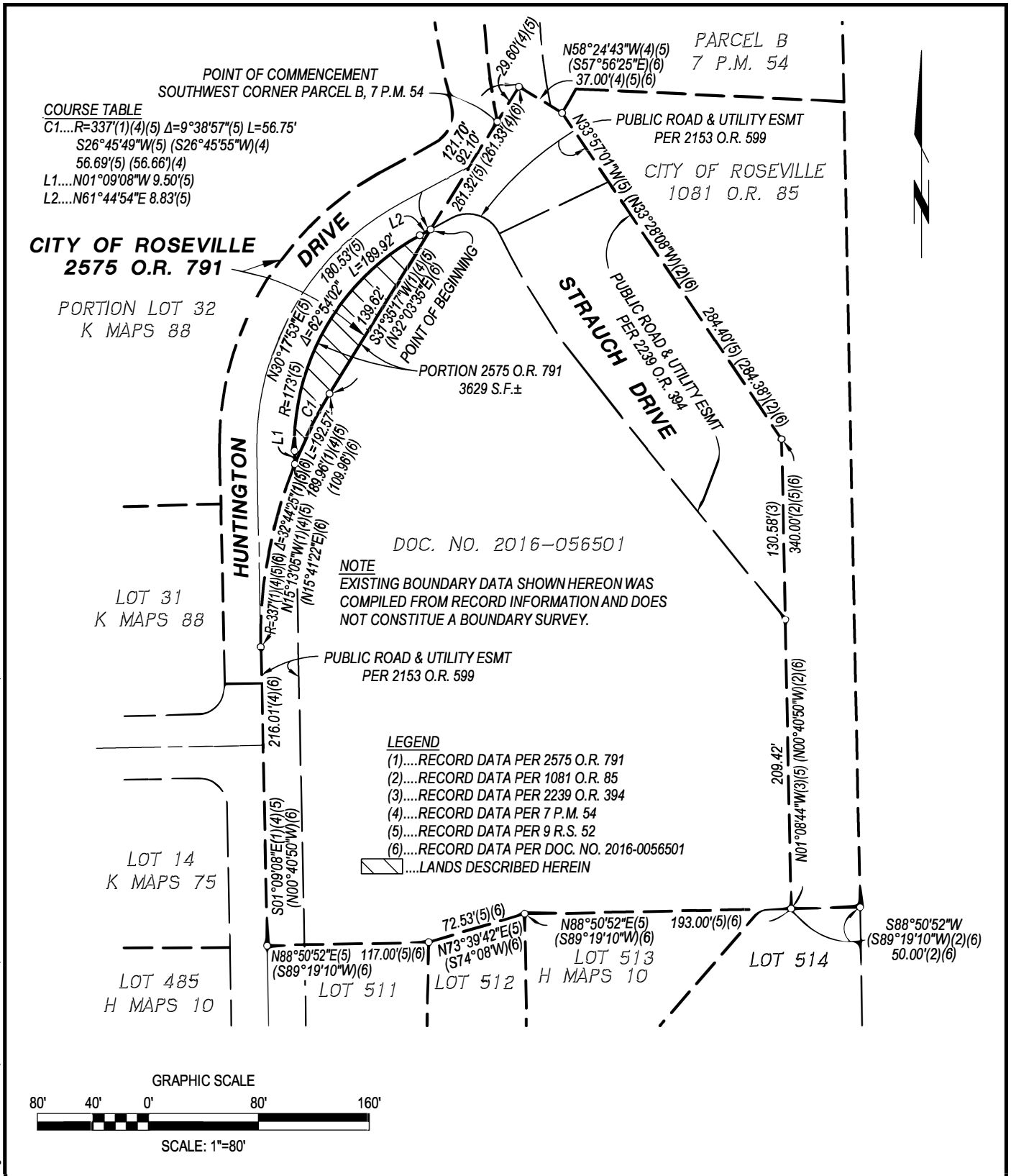
All that certain real property situate in the City of Roseville, County of Placer, State of California, described as follows:

A portion of that certain Real Property granted to the City of Roseville, a municipal corporation, as said Real Property is described in that certain document entitled, "Grant Deed" recorded in Book 2575, Page 791, Placer County Official Records, more particularly described as follows:

COMMENCING at the southwest corner of Parcel B, as said parcel is shown and so designated on that certain Parcel Map filed in Book 7 of Parcel Maps, Page 54, Placer County Records, said corner also being the point of beginning, as said point of beginning is described in the legal description included in the above referenced Grant Deed; thence from the POINT OF COMMENCEMENT, along the southerly line of said Real Property, South 31°35'17" West 92.10 feet to the intersection of said southerly line with the southerly line of Huntington Drive, as said Drive is shown and so designated on that certain plat entitled, "Record of Survey # 962", filed in Book 9 of Surveys, Page 52, Placer County Records and the TRUE POINT OF BEGINNING; thence from the TRUE POINT OF BEGINNING, continuing along said southerly line of said Real Property the following two (2) courses: (1) South 31°35'17" West 139.62 feet and (2) 56.75 feet along the arc of a tangent curve to the left, concave to the southeast, having a radius of 337 feet, through a central angle of 9°38'57" and being subtended by a chord bearing South 26°45'49" East 56.69 feet to the intersection of said southerly line with the easterly line of said Huntington Drive; thence leaving said southerly line, along the easterly and southerly lines of said Huntington Drive the following three (3) courses: (1) North 01°09'08" West 9.50 feet; (2) a 189.92 feet along the arc of a tangent curve to the right, concave to the southeast, having a radius of 173 feet, through a central angle of 62°54'02" and being subtended by a chord bearing North 30°17'53" East 180.53 feet and (3) North 61°44'54" East 8.83 feet to the TRUE POINT OF BEGINNING.

Containing 3629 square feet, more or less.

Dwg: X:201616-0044-00 (ROSEVILLE SR. APTS)DWGSRVYWORKINGDEDICATIONS160044-S1-EX01.DWG | Saved: 04-10-19 10:12am MCHARA



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LANDSCAPE ARCHITECTURE • TRAFFIC ENGINEERING

75 Iron Point Circle, Suite 120 • Folsom, CA 95630
phone: 916.984.7621 • fax: 916.984.9617 • survey fax: 916.563.6770
survey email: staking@mpengr.com • web: www.mpengr.com

DRAWN:	MJC	JOB NO:	160044
CHECKED:	MJC	DATE:	APRIL 2019
SCALE:	1"=100'	SHEET:	1 of 1

EXHIBIT "B"

**SUMMARY VACATION
OF RIGHT OF WAY**

**PORTION OF REAL PROPERTY PER
2575 O.R. 791**

CITY OF ROSEVILLE, CALIFORNIA

RESOLUTION NO. 19-178

DECLARING A 3,933 SQUARE-FOOT PORTION OF ASSESSOR'S PARCEL NUMBER
048-260-032-000 AS SURPLUS AND AUTHORIZING THE CITY MANAGER'S
EXECUTION OF THE GRANT DEED FOR THE
HUNTINGTON SENIOR APARTMENT PROJECT

WHEREAS, the Planning Commission reviewed and approved a proposal to construct a senior apartment complex at 1650 Huntington Drive; and

WHEREAS, in order for the project to move forward, one of the conditions of approval involves declaring a 3,933 square-foot portion of City property (assessor's parcel number 048-260-032-000) as surplus property; and

WHEREAS, this area is not planned for any future City facilities, is not needed for maintenance of existing facilities, and is not designated for or adjacent to an area designated for open space; and

WHEREAS, disposing of this property via a Grant Deed to the adjacent property owner will incorporate this land into an adjacent privately-owned site for beneficial use, and will remove a maintenance burden from the City; and

WHEREAS, pursuant to Roseville Municipal Code Section 4.12.110, Council may dispose of surplus property in any manner it deems appropriate if the City Council finds that such disposition is in the City's best interest; and

WHEREAS, staff recommends declaring a 3,933 square-foot portion of Assessor's Parcel Number 048-260-032-000 as surplus and authorizing the City Manager to execute a Grant Deed transferring the property from the City to the adjacent property owner.

NOW, THEREFORE, BE IT RESOLVED that the Council of the City of Roseville finds and declares a 3,933 square-foot portion of Assessor's Parcel Number 048-260-032-000 as surplus; and

BE IT FURTHER RESOLVED that the Council finds that disposition of this property via a Grant Deed to the adjacent property owner is in the City's best interest; and

BE IT FURTHER RESOLVED that the Council hereby authorizes the City Manager to execute the Grant Deed related to the transfer of said property.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

RECORDING REQUESTED BY
AND WHEN RECORDED,
RETURN TO:

Stamas Corporation
3007 Douglas Blvd., Suite 170
Roseville, CA 95661

Exempt from recording fees
Pursuant to Gov't Code § 27383

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

GRANT DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
THE CITY OF ROSEVILLE, a municipal corporation, hereby GRANT(s) to SAYED ASGHAR
HUSSAIN AND TALAT A. HUSSAIN, TRUSTEES OF THE SAYED AND TALAT
HUSSAIN REVOCABLE TRUST, ESTABLISHED JANUARY 19, 2004, the following
described real property in the City of Roseville, County of Placer, State of California:

See Exhibit "A" (legal description), attached hereto and incorporated herein by reference.
See Exhibit "B" (map), attached hereto and incorporated herein by reference.

Dated this _____ day of _____, 2019.

CITY OF ROSEVILLE,
a municipal corporation

DOMINICK CASEY
City Manager

(Notarization Required)

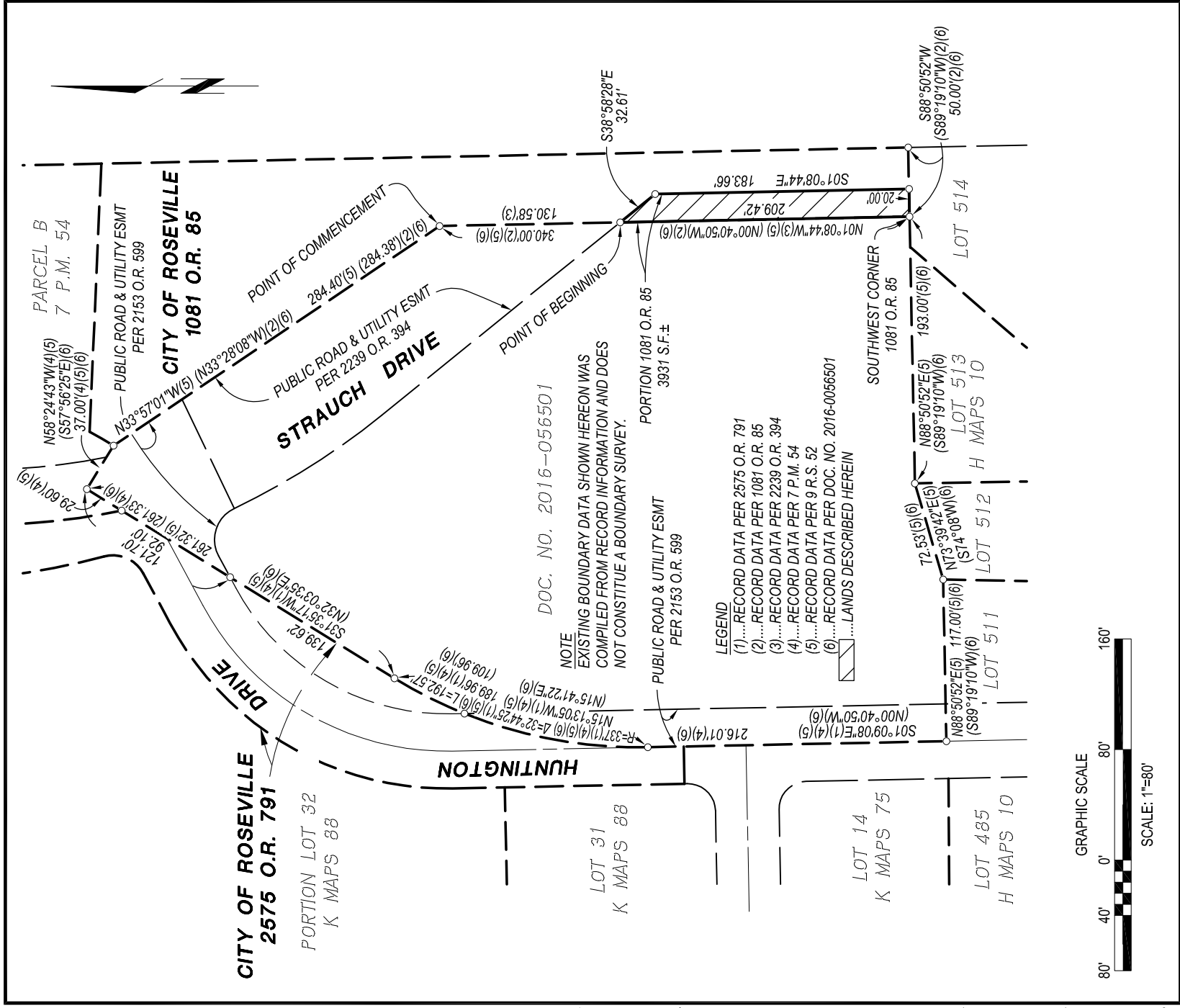
EXHIBIT "A"
LEGAL DESCRIPTION
PAGE 1 OF 1

All that certain real property situate in the City of Roseville, County of Placer, State of California, described as follows:

A portion of that certain Real Property granted to the City of Roseville, a municipal corporation, as said Real Property is described in that certain document entitled, "Corporation Grant Deed" recorded in Book 1081, Page 85, Placer County Official Records, more particularly described as follows:

COMMENCING at an angle point in the westerly line of said Real Property from which the southwesterly corner thereof bearing South 01°08'44" West 340.00 feet; thence from the POINT OF COMMENCEMENT, along said westerly line, South 01°08'44" East 130.58 feet to the TRUE POINT OF BEGINNING; thence from the TRUE POINT OF BEGINNING, leaving said westerly line, South 38°58'28" East 32.61 feet to a point lying 20.00 feet, measured perpendicularly, from said westerly line; thence along a line parallel with said westerly line, South 01°08'44" East 183.66 feet to the southerly line of said Real Property; thence along said southerly and westerly lines the following two (2) courses: (1) South 88°50'52" West 50.00 feet and (2) North 01°08'44" West 209.42 feet to the TRUE POINT OF BEGINNING.

Containing 3931 square feet, more or less.



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LANDSCAPE ARCHITECTURE • TRAFFIC ENGINEERING

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survey email: staking@mpengr.com • web: www.mpengr.com

DRAWN:
CHECKED:
SCALE:

MJC
MJC
1"=100'

JOB NO:
DATE:
SHEET:

160044
APRIL 2019
1 of 1

EXHIBIT "B"

GRANT DEED

PORTION OF REAL PROPERTY PER PER 1081 O.R. 85

CITY OF ROSEVILLE, CALIFORNIA



COUNCIL COMMUNICATION

CC #: 9984
File #: 0800-02

Title: Proposed Water, Wastewater and Solid Waste Utility Rate Adjustments and Municipal Code Revision for Fiscal Year 2019-20 and Fiscal Year 2020-21

Contact: Janet Vargas 916-774-5557 jvargas@roseville.ca.us
Ryley Kelly 916-746-1781 rkelly@roseville.ca.us

Meeting Date: 5/1/2019
Item #: 10.6.

RECOMMENDATION TO COUNCIL

(1) Conduct the scheduled hearing to receive public comment and respond to questions regarding the proposed rate adjustments for water, wastewater, and solid waste utility services

(2) Introduce for first reading the attached ordinance amending the Roseville Municipal Code sections pertaining to water (14.08.025, 14.08.090 and 14.08.100), wastewater (14.16.060, 14.16.080, 14.16.200 and 14.16.201), and solid waste (9.12.100) utility rates to implement the adjustments and add minor modifications for clarity and consistency as shown in Attachment A. The proposed changes would implement the following:

- On billings as of July 5, 2019, apply the following effective rate adjustments to all customers:
 - Water: 3 percent
 - Wastewater: 4 percent
 - Solid Waste: 5 percent
- On billings as of July 1, 2020, apply the following effective rate adjustments to all customers:
 - Water: 3 percent
 - Wastewater: 4 percent
 - Solid Waste: 5 percent

(3) Adopt the utility rates adjustments as presented.

BACKGROUND

High quality and environmentally sound utility services (water, wastewater, recycled water, and solid waste) are essential for public health and economic vitality. Consistent delivery of these services requires continued top performance of Roseville's publicly-owned facilities, infrastructure systems, and professional staff.

Based on City Council direction since 2005, small and incremental (e.g., annual) rate adjustments are preferred over larger periodic (e.g., every several years) adjustments. This biennial rate analysis was conducted in accordance with City Council's directive. This rates analysis concludes a year-long process consisting of a 10-year financial planning horizon from fiscal year (FY) 2019-20 through FY2028-29. The study meets the legal requirement for setting rates that are proportionate to the cost of services provided. The proposed two-year rate implementation will meet the financial goal of generating sufficient revenue given the current assessment of future expenses and economic reserves.

City Council adopted the previous adjustments to water, wastewater, and solid waste utility rates in May 2017 which consisted of two annual increases (effective July 1, 2017 and July 1, 2018).

Water, Wastewater, and Solid Waste Rate Adjustments

The 10-year financial forecast considers the costs of utility operations, capital, rehabilitation, state and federal regulatory compliance, and adopted fiscal policies. Based on this analysis, staff is recommending adjustments to water, wastewater, and solid waste utility rates to remain fiscally sound by:

(1) Complying with Proposition 218, the main components of which are:

- An agency cannot collect revenue beyond what is necessary to provide service
- No charge may be imposed for a service unless that service is actually used or immediately available to the owner of the property
- Revenues derived from the charge shall not be used for any other purpose other than that for which the charge was imposed
- Fairness in apportionment of total costs of service amongst ratepayer classes (avoidance of subsidization within the rates)

(2) Reflecting adopted fiscal policies for economic reserves:

- Water and Wastewater: Rate stabilization funds equivalent to 50 percent of operating expenses and emergency reserves equivalent to 25 percent of operating expenses
- Solid Waste: Rate stabilization and emergency reserve funds totaling 25 percent of operating expenses

(3) Meeting commitments made to bonding agencies in the case of the water and wastewater utilities:

- Maintain a bond covenant requirement (ratio of net revenues to expenses) of 1.20x for the water utility and 1.10x for the wastewater utility.
- Maintaining bond covenant requirements is crucial to maintaining the City's good credit rating.

To verify the integrity of the rates analysis, and appropriateness of the assumptions used in the model, the City contracted with Raftelis and R3 Consultants. The comprehensive rate study reports are included as Attachment B and Attachment C.

Public Outreach

Consistent with City Council's priority to provide public information to the community on a timely basis, an outreach plan was conducted. Information about the proposed utility rate increases has been presented through a number of different venues. A summary of outreach efforts referencing the proposed rate increases are included in this report as Attachment D.

In compliance with Proposition 218, a California law since 1996, notices were sent to all property

owners on March 11, 2019. A copy of the notice is included in this report as Attachment E. The notice outlines the process for protesting the proposed rate increases. Protest ballots could be mailed or hand-delivered to the City Clerk on or before the public hearing date, or in person at the public hearing on May 1, 2019. At the close of the Public Hearing, the City Clerk will announce the total number of protest responses. If written protests against the proposed rate increases are presented by a majority of the owners of identified parcels, City Council cannot impose the adjustments.

The remainder of this report details the rates analyses process and conclusions necessitating water, wastewater, and solid waste rate adjustments.

Environmental Utilities Department

The Environmental Utilities Department operates municipal water, wastewater, recycled water, and solid waste utilities for residential, commercial, and industrial customers. The Department also operates a Technical Services Division, which supports the Engineering, Safety, and Asset Management groups. City ownership of these municipal utilities provides customers the benefit of reliable service while still having rates among the lowest in the region.

Charter of the City of Roseville

The City's Charter mandates that each utility be financially self-sufficient, meet its financial obligations for debt service, and provide for ongoing maintenance and operation of the utilities. It also allows for utility reserve funds to be set aside for the replacement, betterment, and extension of the utilities. Section 10.01 of the Charter states:

“ . . . Each city-owned utility shall be financially self-sufficient, and shall fully compensate the city general fund for all goods, services, real property and rights to use or operate on or in city-owned real property. (Amended by general municipal election on November 7, 2000.)”

The Charter further states in section 7.075:

“The Council shall annually set aside from the income of each of its revenue producing public utilities the following amounts and in the following order, to wit: First: An amount fully sufficient for the payment of principal, interest, reserve fund and sinking fund requirements of any revenue bonds or general obligation bonds secured in whole or in part from such utility revenues, the proceeds of which bonds have been applied to the acquisition, construction or completion of such public utilities. Second: An amount sufficient to pay or provide for the payment of maintenance and operation of such public utilities, including a reserve for maintenance and operation. . . .”

In conjunction with the City mandate to be financially self-sufficient, each utility within the Environmental Utilities Department is represented by an enterprise fund and as such, accounts for “business-type activities” similar to that of private industry. They do not make a profit and account for all expenses and revenues in funds completely separate from the City's General Fund. Funding for utility operations is primarily from monthly utility charges.

Utility Rate Analysis

The process to establish rates that support fiscal stability relies on long-term financial planning and sound fiscal policies. Each utility continues to be subject to increases in regulatory, operational, and rehabilitation costs. General cost increases for all utilities include:

- Debt Coverage Requirements: Water and wastewater utility net revenue calculation fiscal policy goal of > 1.3x (the actual bond covenant requirements are lower).
- Inflation: All utilities have seen costs increase in general. An inflation factor of 3 percent (based on the Consumer Price Index) was used in the rate model.
- Cost of City Services: As a City department, Environmental Utilities pays a proportionate share for administrative and support services (such as for human resources, finance, and the City Attorney). These reimbursed costs were assumed to increase by 5 percent for the entire financial planning horizon.
- Salaries: Labor cost inputs were based on salaries in existing negotiated contracts. No salary increases were assumed beyond the current negotiated contracts for the two-year duration of the proposed rate adjustments.
- Regulatory Requirements: Water, Wastewater, and Solid Waste utilities are highly regulated. On average, 20 percent of utility expenses are associated with regulatory compliance. New requirements, such as unfunded mandated programs, increasingly stringent reporting requirements, and compliance with updated standards are routine.

Water, Wastewater, and Solid Waste Rehabilitation Costs

Environmental Utilities has prioritized proactively setting aside revenue for infrastructure rehabilitation. The benefit of this approach is that in the event of a major system failure such as a breakdown at the water or wastewater treatment plant, funds would be available to make repairs quickly. An effective rehabilitation program includes evaluations of facilities and proactive repairs and replacements, thus avoiding expenses associated with infrastructure failure. Setting funds aside also allows the utilities to build an emergency reserve that provides an immediate cash source to respond to potential emergency situations. Alternatively, the utilities would be obligated to seek bond financing or emergency loan funds to pay for the repairs, with associated high interest rates.

The City of Roseville has over \$1.1 billion in water and wastewater infrastructure assets. In 2003, the City Council adopted a financial policy to set aside funds for rehabilitation and replacement of aging utility infrastructure. An initial assessment of the infrastructure enabled staff to determine the annual amount to set-aside with the goal of having sufficient funds to complete the anticipated projects. In 2015, MWH, Inc. was retained to conduct a review and update of the rehabilitation capital plan.

In the period covered by the proposed rate adjustment, the level of funding for the Water Rehabilitation Fund is \$4 million for FY2019-20 and FY2020-21 in support of the updated plan. The contribution for the Wastewater Rehabilitation Fund is \$8.125 million FY2019-20 and FY2020-21. Rehabilitating aging pipes, equipment, and other aspects of the water and wastewater system is vital in order to maintain system reliability.

The Solid Waste utility has an inventory of approximately 70,000 bins and cans with varying useful lifetimes and replacement costs ranging from \$60 to \$4,000. A rehabilitation fund is in place to repair and replace cans and bins when necessary. Over the next two years, the level of funding for the Solid Waste Rehabilitation Fund is projected to be \$200,000 per year.

Economic Reserves

Economic reserves are an essential part of the utilities' operating procedures and ensure the

utilities can continue to provide services during budget shortfalls or unforeseen circumstances. Staff is recommending consistency with fiscal policy that would, over time, achieve minimum emergency reserve levels for the water and wastewater utilities to 25 percent of annual operating expenses and 50 percent of annual operating expenses in rate stabilization funds. For Solid Waste, the total for emergency reserves and rate stabilization funds is 25 percent of annual operating expenses. The fiscal policies are included in this report as Attachment F. The policies reflect the need to supplement rate stabilization and economic reserve levels, which would:

- Improve assurance of adequate available funding in the event of a future drought or other event that results in increased expenses or reduced revenues
- Protect the City's credit rating
- Address City Council direction to preclude the need for a drought rate surcharge in future water shortage years
- Proceed closer to consistency with industry standards for reserve funding levels

It should be noted that if reserves were maintained at the 10 percent level, rate increases would still be needed in the short-term to avoid rapid declines in the target reserves in all three utilities.

Debt Service Coverage

In addition to increased costs, the City is also obligated to meet debt service coverage related to long-term debt as part of a rate covenant made to bondholders. The current rate covenant for debt issued on water capital improvement projects requires a minimum debt service coverage ratio of 1.20. For wastewater, the debt service coverage requirement is 1.10. Although rates are not used for payment of debt service, utility revenue is the ultimate security for repayment of debt. Connection fees are the primary funding source for payment of debt service.

Water Utility

Two consecutive annual rate adjustments are proposed for the Water utility (3 percent in FY2019-20 and 3 percent in FY2020-21). The proposed rates reflect an increase to the average residential water customer of \$1.43 per month for the first year and \$1.38 per month for the second year. Even with the increases, Roseville water customers will still be paying less than half a penny per gallon for water.

The proposed water rates are forecasted to fund operations and maintenance of the utility and provide for needed investments in technological upgrades and infrastructure rehabilitation and replacement. During the next two years, rehabilitation funds will be used to fund several projects including:

- (1) Water Facilities Condition Assessment: The project includes condition assessment for the water treatment plant and subsequent repairs and rehabilitation costing approximately \$360,000 in FY2019-20 and then \$125,000 annually for several years
- (2) Corrosion Protection PRG Water Main: The project includes an assessment of the corrosion protection systems as needed, including standardization of testing and data collection procedures costing approximately \$600,000 in FY2019-20 and \$1.1 million in FY2020-21.

Staff recognizes that rate increases can create a financial hardship for some customers. Since a significant portion of water utility bills are based on consumption, a reduction in water use is the

best way customers can minimize the financial impact of higher water rates. The City's Water Efficiency staff will continue to work with customers to promote effective water conservation strategies such as identifying and repairing leaks and managing outdoor water use.

Wastewater Utility

Two consecutive annual rate adjustments are proposed for the Wastewater utility (4 percent in FY2019-20 and 4 percent in FY2020-21). The proposed rate adjustments for wastewater equate to an increase to the average residential wastewater customer of \$1.56 per month for the first year and \$1.63 per month for the second year.

Similar to the Water utility, wastewater collection and treatment is subject to a myriad of regulatory programs, power supply, and chemical costs. In the next two years, rehabilitation funds will be used to extend the life and increase the efficiency of facilities at both the Dry Creek Wastewater Treatment Plant (DCWWTP) and the Pleasant Grove Wastewater Treatment Plant (PGWWTP). FY2019-20 is the last year planned for the Wastewater and Recycled Water Reliability project which has allowed new treatment technologies to be used to increase Roseville's future water supply reliability. Starting in FY2019-20, the PGWWTP will replace outdated variable frequency drives on the influent and sidestream pumps. Both the PGWWTP and DCWWTP will replace all plant lighting outside of occupied spaces to LED which should provide long-term savings to increased fixture life and decreased energy consumption.

Solid Waste Utility Two consecutive annual rate adjustments are proposed for the Solid Waste utility (5 percent in FY2019-20 and 5 percent in FY2020-21). The proposed rate increases equate to an increase of \$1.22 per month for the first year and \$1.28 per month for the second year.

FISCAL IMPACT

The proposed rate increases would result in a cumulative average increase on all three utility bills of about 3.9 percent as of July 5, 2019 and 3.9 percent as of July 1, 2020. With the proposed rate adjustment, residential customers would see an estimated increase to their combined utility bill of \$4.21 per month in the first year and \$4.29 per month in the second year. The proposed increases in Roseville's water, wastewater, and solid waste utility rates are still among the lowest in the region, an indicator that the Environmental Utilities Department is accomplishing its mission.

The proposed rate adjustments will result in additional combined revenue over the next two years of approximately \$2.9 million to the Water utility, \$3.7 million to the Wastewater utility, and \$3.7 million to the Solid Waste utility. The proposed rate adjustment maintains the City's position as one of the lowest cost overall service providers in the region, strengthens the City's rehabilitation program, and maintains economic reserves to ensure fiscal soundness and resiliency in the face of upcoming unfunded mandates and regulatory requirements.

ECONOMIC DEVELOPMENT / JOBS CREATED

New positions assumed in the proposed rate increase include

- FY2019-20: one Refuse Organics Truck Driver, one Lab Technician, one Electronics Technician II, two Water Distribution Supervisors, one Senior Water Distribution Worker, one Water

Treatment Plant Operator Grade III, one Office Assistant II, and one Administrative Technician; new temporary positions: five Water Distribution Workers and one Interpretive Services Program Leader.

- FY2020-21: one Preventative Maintenance Technician I, one Administrative Analyst II, two Water Distribution Worker II, one Operator IV, and one Interpretive Services Specialist II.

ENVIRONMENTAL REVIEW

Approval of the proposed utility rates is considered statutorily exempt from CEQA (State CEQA Guidelines section 15273). The project involves the modification, of rates, by a public agency for the purpose of (1) Meeting operating expenses, including employee wage rates and benefits, (2) Purchasing or leasing supplies, equipment, or materials, (3) Meeting financial reserve needs and requirements, and (4) Obtaining funds for capital projects, necessary to maintain service within existing service areas. No further CEQA action is required.

Respectfully Submitted,

Ryley Kelly, EU Rate Analyst

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Attachment A - Ordinance (redline)

Attachment B - Water and Wastewater Final Report

Attachment C - Solid Waste Final Report

Attachment D - Outreach Schedule

Attachment E - Prop 218 Notice

Attachment F - Financial Management Policy

ORDINANCE NO. ____

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 9.12.100 OF CHAPTER 9.12 OF TITLE 9, AMENDING SECTIONS 14.08.025, 14.08.090, AND 14.08.100 OF CHAPTER 14.08 OF TITLE 14, DELETING SECTION 14.08.091 OF CHAPTER 14.08 OF TITLE 14, AND AMENDING SECTIONS 14.16.060, 14.16.080, 14.16.200 AND 14.16.201 OF CHAPTER 4.16 OF TITLE 14 OF THE ROSEVILLE MUNICIPAL CODE REGARDING GARBAGE, WATER AND WASTEWATER RATES AND SERVICES

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 9.12.100 of Chapter 9.12 of Title 9 of the Roseville Municipal Code is hereby amended to read as follows:

9.12.100 Charges for collection.

A. Residential.

1. Each and every householder or tenant occupying any dwelling, house, or residence, shall pay to the city, or its authorized agent, a fixed minimum charge as set forth in this section as a refuse fee. Such fixed minimum is based upon service of one call per week, irrespective of whether there is any refuse to remove from any premises.

2. Ninety-Gallon Automated Container Service. For each premises assigned city-owned 90-gallon containers (one for household garbage and one for yard clippings and green

waste) and serviced by automated collection, all garbage, and green waste for collection must be contained within the 90-gallon container(s) with the lid closed and must fall freely from container when dumped. Each such premises shall be provided weekly collection for trash; green waste will be collected every other week.

3. Refuse service may be discontinued upon request for a period of no less than two months when a dwelling, house, or residence will be unoccupied. The minimum time of discontinuing service will be two months. A service charge equal to two months' refuse charge will be charged to the utility user for the removal and redelivery of the assigned automated container when service has been temporarily discontinued. This service charge will be paid at the time service is discontinued. Upon occupancy of a dwelling, house or residence, the utility user must contact the city to restart service [and will be charged an associated restart fee](#). If the occupant of a dwelling, house, or residence does not contact the city to restart service, the city may bill back to the discontinuance of service all monthly charges.

4. For collection of additional containers beyond those covered by the fixed minimum charges established in this chapter, the collection charge shall be that identified in this section.

5. An additional or special pickup may be requested beyond the minimum service required by this chapter. Each such additional or special pickup shall be subject to a fixed fee.

6. Rates for Residential Collection. Effective July ~~5~~⁴, 201~~9~~⁷, and July 1, 20~~20~~¹⁸, the residential rates on billings shall be as follows:

Residential Refuse Service	Effective 7/51/20179	Effective 7/1/202018
Fixed refuse monthly charge (one trash container and one green waste container as identified in Section 9.12.100(A)(2))	\$ 23.87 <u>25.57</u>	\$ 24.35 <u>26.85</u>
Additional empty of a 60- or 90-gallon refuse container	\$ 15.61 <u>16.72</u>	\$ 15.92 <u>17.55</u>
Each additional green waste container	\$ 8.67 <u>9.28</u>	\$ 8.84 <u>9.75</u>
Each additional 90-gallon refuse container	\$ 16.32 <u>17.48</u>	\$ 16.65 <u>18.36</u>
Additional empty of a green waste container	\$ 11.48 <u>12.29</u>	\$ 11.70 <u>12.90</u>
Refuse 60- or 90-gallon replacement charge	\$ 69.74 <u>74.69</u>	\$ 71.13 <u>78.42</u>
Fixed fee for the return of a confiscated green waste container due to contamination	\$ 111.49 <u>119.41</u>	\$ 113.72 <u>125.38</u>
Temporary removal of a residential service	\$ 47.74 <u>51.12</u>	\$ 48.69 <u>53.68</u>
Move in box pick-up	\$ 84.41 <u>90.39</u>	\$ 86.09 <u>94.91</u>
Temporary dumpster delivery and removal and per yard charge (6 yards only)	\$ 116.99 <u>125.30</u>	\$ 119.33 <u>131.56</u>

<u>Residential Special Services</u>	<u>Effective</u> <u>7/5/2019</u>	<u>Effective</u> <u>7/1/2020</u>
<u>Restart Service (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Green/Waste Contamination Fee (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Overloaded Cart (per occurrence)</u>	<u>\$10.00</u>	<u>\$10.50</u>
<u>Return Trip Charge Same day (per occurrence)</u>	<u>\$10.00</u>	<u>\$10.50</u>
<u>Return Trip Charge Off day (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Cart Exchange (in excess of 1x/12 months)</u>	<u>\$25.00</u>	<u>\$26.25</u>

<u>Additional Charges</u>	<u>Effective 7/5/2019</u>	<u>Effective 7/1/2020</u>
<u>Additional Bin Assistance</u>	<u>\$45.17</u>	<u>\$47.43</u>
<u>Return of Green Waste Container</u>	<u>\$119.41</u>	<u>\$125.38</u>
<u>Emergency After Hour Service Charge</u>	<u>\$161.46</u>	<u>\$169.53</u>
<u>Solid Waste Minimum Charge</u>	<u>\$28.68</u>	<u>\$30.11</u>
<u>Temporary Removal of Service</u>	<u>\$51.67</u>	<u>\$54.25</u>

B. Commercial.

1. A landlord, property owner, or property manager or management company of each and every store, shop, apartment, house, rooming house, factory or other nonresidential use that has a commercial dumpster shall pay to the city, or its authorized agent, a fixed minimum charge as set forth by the city council as a refuse fee. Such fixed minimum is based upon service of one call per week, irrespective of whether there is any refuse to remove from any premises.

A landlord, property owner, property manager or management company with multiple tenants who must share a commercial dumpster shall be responsible for the refuse utility bill of the tenants.

2. Commercial Dumpster, Roll-On, and Additional Services. The environmental utilities director may approve the placing of garbage or rubbish in containers other than 30-gallon cans or 90-gallon automated cans (such as dumpsters or roll-on containers) as provided in Section 9.12.060. The fixed fee and additional service charges are established by subsections (A)(6) and (B)(74). In such cases, the environmental utilities director shall cause a study of the service to be made, and charges will be established based on the cost of performing the service. Such charge shall include all costs to the city, including, but not limited to, labor, equipment operation, maintenance and depreciation, administrative overhead, recycling, landfill closure and landfill operation costs. Standard commercial charges for basic hand-pickup dumpsters and roll-on containers may be established by the environmental utilities director subject to the approval of the city council.

An additional or special pick up may be requested beyond the minimum service required by this chapter. Each such additional or special pick up shall be subject to a fixed fee.

Temporary commercial services must be charged to a City of Roseville customer utility account. A “garbage only” account may be requested for temporary services. See Chapter 14.04 Utility Customer Billing, Accounting and Collections for information about establishing a new account.

Timeframe for temporary customer service. Temporary dumpsters for commercial use must be serviced weekly and removed within a 90 day period. It is the customer’s responsibility to schedule services. If a temporary dumpster is not emptied within seven consecutive days of its delivery or last collection, the account shall be assessed a weekly rental fee per Section 9.12.100(B7): Rates for Commercial Collection.

3. Commercial customers that fall into the following categories are required by state law to subscribe to organics recycling services.

a. On and after April 1, 2016, a business that generates eight cubic yards or more of organic waste per week shall arrange for recycling services specifically for organic waste.

b. On and after January 1, 2017, a business that generates four cubic yards or more of organic waste per week shall arrange for recycling services specifically for organic waste.

c. On and after January 1, 2019, a business that generates four cubic yards or more of commercial solid waste, as defined in Section 42649.1, per week, shall arrange for recycling services specifically for organic waste.

4. On or after January 1, 2020, if the department determines that statewide disposal of organic waste has not been reduced to 50 percent of the level of disposal during 2014, a business that generates two cubic yards or more per week of commercial solid waste shall

arrange for the organic waste recycling services specified in subsection (B)(3), unless the department determines that this requirement will not result in significant additional reductions of organics disposal.

5. Multifamily dwellings will not be required to recycle food waste, but will need to provide proof to the city that other organics such as green waste are being recycled or diverted from the landfill in an appropriate manner. The city can also provide green waste services, if necessary.

The city will be the primary collector of all organic waste materials, unless a business had services in place before September 28, 2014, the date AB 1826 was approved. Any business with a collection contract before this date can continue with providers until the contract expires. Once the contract expires the business will default to city service.

6. An additional or special pickup may be requested beyond the minimum service required by this chapter. Each such additional or special pickup shall be subject to a fixed fee.

7. Rates for Commercial Collection. Effective July 15, 2019⁷, and July 1, 2018²⁰²⁰, the commercial rates on billings shall be as follows, ~~unless transitional rate structure is implemented:~~

Frontloader and Rearloader Commercial Services*	Effective 7/5/2019	Effective 7/1/2020
Frontloader and rearloader commercial dumpster and sidewalk can per yard charge *Plus premium for rearloader services (more detail below)	\$9.79 10.49	\$9.99 11.01
Frontloader and rearloader compactor per yard charge	\$17.65 18.90	\$18.00 19.85
Frontloader and rearloader dumpster extra pick-up per yard charge	\$10.49 \$9.79	\$11.01 \$9.99
Frontloader cardboard dumpster and compactor per yard charge	\$13.93 \$13.01	\$14.63 \$13.27
Frontloader cardboard dumpster and compactor extra pick-up per yard charge	\$3.22 \$3.01	\$3.38 \$3.07

<u>Commercial Special Services</u>	<u>Effective</u> <u>7/5/2019</u>	<u>Effective</u> <u>7/1/2020</u>
Rear Loader Service Premium (this will be an additional charge equivalent to an associated	25%	25%

<u>Commercial Special Services</u>	<u>Effective</u> <u>7/5/2019</u>	<u>Effective</u> <u>7/1/2020</u>
<u>percentage of the monthly base rate of base-</u> <u>monthly rate)</u>		
<u>Saturday Service Charge (per occurrence)</u>	<u>\$30.00</u>	<u>\$31.50</u>
<u>Recyclable Material Contamination Fee (per</u> <u>occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Green/Waste Contamination Fee (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Overloaded Container (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Lock Service – Admin Set up (per occurrence)</u>	<u>\$15.00</u>	<u>\$15.75</u>
<u>Lock Service – Lock Cost (per occurrence)</u>	<u>\$15.00</u>	<u>\$15.75</u>
<u>Lock Service – Per Month</u>	<u>\$10.00</u>	<u>\$10.50</u>
<u>Push/Pull Charges 1’-25’ (per container month)</u>	<u>\$15.00</u>	<u>\$15.75</u>
<u>Push/Pull Charges 25’-50’ (per container month)</u>	<u>\$40.00</u>	<u>\$42.00</u>
<u>Push/Pull Charges Each additional 25’ Increment</u> <u>(per container month)</u>	<u>\$20.00</u>	<u>\$21.00</u>
<u>Extra Pickup Charge (of monthly rate per pickup</u> <u>+ return trip charge)</u>	<u>25%</u>	<u>25%</u>

<u>Commercial Special Services</u>	<u>Effective</u> <u>7/5/2019</u>	<u>Effective</u> <u>7/1/2020</u>
<u>Exchange Cart (per cart)</u>	<u>\$25.00</u>	<u>\$26.25</u>
<u>Exchange Bin (per occurrence)</u>	<u>\$75.00</u>	<u>\$78.75</u>
<u>Return Trip Charge Same day (per occurrence)</u>	<u>\$10.00</u>	<u>\$10.50</u>
<u>Return Trip Charge Off day (per occurrence)</u>	<u>\$25.00</u>	<u>\$26.25</u>

<u>Commercial Roll-Off</u> <u>ServicesAdditional Commercial</u> <u>Service Rates</u>	<u>Effective 7/5/2019</u>	<u>Effective 7/1/2020</u>
<u>Saturday Service Charge (per pull)</u>	<u>\$30.00</u>	<u>\$31.50</u>
<u>Roll-Off Container Exchange (per container)</u>	<u>\$100.00</u>	<u>\$105.00</u>
<u>Roll-Off Standby Charges (per hour, charge in 15 minute increments)</u>	<u>\$60.00</u>	<u>\$63.00</u>
<u>Roll-Off Return Charge (per occurrence)</u>	<u>\$30.00</u>	<u>\$31.50</u>

<u>Commercial Roll-Off</u> <u>Services</u> <u>Additional Commercial</u> <u>Service Rates</u>	<u>Effective 7/5/2019</u>	<u>Effective 7/1/2020</u>
<u>Relocation Charge/Trip Charge-(per event – includes roll-off return charge)</u>	<u>\$50.00</u>	<u>\$52.50</u>

Roll-Off Commercial Open Top and Compactor Services*	Effective 7/5/2019	Effective 7/1/2020
Minimum charge per haul (base rate) without tonnage* All sizes	\$312.43 291.72	\$328.05 297.55
Roll-off 100% recycling bin	\$171.08 159.73	\$179.63 162.93

* Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority. With city department head approval, some entities may pay tonnage charges directly to Western Placer Waste Management Authority.

Temporary Frontloader, Rearloader and Roll-Off Charges*	Effective 7/5/2019	Effective 7/1/2020
Frontloader and rearloader temporary dumpster delivery and removal charge	\$62.38 \$58.24	\$65.50 \$59.41

Frontloader and rearloader temporary dumpster per yard charge <u>(plus trip fee for extra pickups)</u>	<u>\$10.49</u> \$9.79	<u>\$11.01</u> \$9.99
Frontloader and rearloader temporary dumpster rental fee per week	<u>\$59.38</u> \$55.54	<u>\$62.35</u> \$56.55
Roll-off temporary dumpster minimum charge per haul (base rate)	<u>\$312.43</u> \$291.72	<u>\$328.05</u> \$297.55
Tonnage (per ton charge)*		
Roll-off temporary dumpster rental fee per week	<u>\$107.82</u> \$100.67	<u>\$113.22</u> \$102.69
<u>Roll-Off temporary 100% recycling bin</u>	<u>\$171.08</u>	<u>\$179.63</u>

* Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority.

Additional Commercial Service Rates*	Effective 7/15/201<u>9</u>7	Effective 7/1/20<u>20</u>18
Standby service charge per occurrence <u>(in 15 minute increments)</u>	<u>\$60.00</u> 51.67 \$48.25	<u>\$63.00</u> 54.25 \$49.21
<u>Solid Waste Minimum Charge</u>	<u>\$28.68</u>	<u>\$30.11</u>
Emergency after hours call out service charge per occurrence	<u>\$161.46</u> \$150.76	<u>\$169.53</u> \$153.77

Additional Commercial Service Rates*	Effective 7/15/2017	Effective 7/1/2018
Fixed monthly <u>minimum</u> commercial charge	<u>\$28.68</u> \$26.78	<u>\$30.11</u> \$27.31
60- or 90-gallon automated container monthly charge	<u>\$25.57</u> \$23.87	<u>\$26.85</u> \$24.35
Commercial bin assistance charge per occurrence	<u>\$45.17</u> \$42.18	<u>\$47.43</u> \$43.02
Fixed fee for additional pick-up of a city owned 60- or 90-gallon automated container	<u>\$16.72</u> \$15.61	<u>\$17.55</u> \$15.92
Compactor cleaning	Minimum 2.5 hours labor cost	
Compactor lock replacement	0.5 hours of labor cost plus \$8.00 lock replacement	

* The amounts billed to commercial customers will vary with the types of service and the number of pickups in a billing period.

** Green waste containers available only in limited areas.

AG. Shared Compactor Rates. Shared compactor rates are applicable to the City of Roseville downtown specific plan area. Exact rates are determined on a site-specific basis based on the following criteria:

	Cost per 1,000 square	Cost per 1,000 square feet of	

	feet of building area or per dwelling unit Effective 7/51/20197	building area or per dwelling unit Effective 7/1/202018	
Below are the square footage rates for shared compactors. If a customer's site-specific charge does not exceed the fixed minimum charge, they will be subject to the monthly fixed minimum charge.			
Monthly Minimum (Fixed)	\$28.68	\$30.11	
Tier 1: Cost per 1,000 square feet of building area or per dwelling unit	\$5.9959	\$5.706.28	Tier 1 includes business types that are determined low use by the environmental utilities director. Typical examples of low use are retail and office establishments and small apartment units.
Tier 2: Cost per 1,000 square	\$22.5624.16	\$23.0125.37	Tier 2 includes business types that are determined medium use by the environmental utilities director.

feet of building area			Typical examples of medium use are relatively smaller establishments such as bars and grills, coffee shops and delis; selling or serving food but not considered a full-service restaurant.
Tier 3: Cost per 1,000 square feet of building area	\$47.65 51.04	\$48.61 53.59	Tier 3 includes business types that are determined high use by the environmental utilities director. A typical example of high use is full-service restaurants, restaurant/bakeries, and similar establishments. Full-service restaurants are defined as primarily dine-in establishments with established menus, and a minimum of two meals per day (e.g., lunch and dinner).

B. Shared Compactor Organic Tiers. Organics tiers are applicable to some shared compactor units depending on compactor tier and usage type. Exact rates are determined on a site-specific basis based on the following criteria:

<u>Commercial Shared Compactor</u>	<u>Effective 7/5/2019</u>	<u>Effective 7/1/2020</u>
<u>Organic Tiers</u>		
<u>Tier 1</u> Monthly Minimum	\$0.00 <u>\$28.68</u>	\$0.00 <u>\$30.11</u>
<u>Tier 2</u>	<u>\$81.93</u>	<u>\$86.03</u>
<u>Tier 3</u>	<u>\$163.81</u>	<u>\$172.00</u>

CD. Rates for Commercial Organic Waste Collection. Effective July ~~15, 2017~~ 2019 and July 1, 202018, the commercial organic waste collection rates on billings shall be as follows:

Organic Waste Collection Rates	Minimum Monthly Charge (Effective 7/5<u>1</u>/201<u>9</u>)	Minimum Monthly Charge (Effective 7/1/20<u>20</u>18)
<u>0-2 yards</u> 0-4 yards	\$81.93 <u>\$152.95</u>	\$86.03 <u>\$156.01</u>
<u>0-4 yards</u> 5 yards	\$163.81 <u>\$191.20</u>	\$172.00 <u>\$195.02</u>
<u>5 yards</u> 6 yards	\$204.77 <u>\$229.40</u>	\$215.01 <u>\$233.99</u>
<u>6 yards</u> 7 yards	\$245.69 <u>\$267.75</u>	\$257.97 <u>\$273.11</u>
<u>7 yards</u> 8 yards	\$286.77 <u>\$305.90</u>	\$301.10 <u>\$312.02</u>
<u>8 yards</u> 9 yards	\$327.62 <u>\$344.10</u>	\$344.00 <u>\$350.98</u>

<u>9 yards</u> 10 yards	<u>\$368.53</u> \$382.35	<u>\$386.96</u> \$389.99
<u>10 yards</u> 11 yards	<u>\$409.49</u> \$420.70	<u>\$429.96</u> \$429.11
<u>11 yards</u> 12 yards	<u>\$450.57</u> \$458.80	<u>\$473.09</u> \$467.97
<u>12 yards</u>	<u>\$491.37</u>	<u>\$515.94</u>
Extra pickup for one yard bin or cart equivalent	<u>\$61.45</u> \$57.38	<u>\$64.52</u> \$58.52
Extra pickup for two yard bin or cart equivalent	<u>\$81.93</u> \$76.50	<u>\$86.03</u> \$78.03
-	(Effective 7/1/2017)	(Effective 7/1/2018)
0-2 yards	\$76.50	\$78.03

SECTION 2. Section 14.08.025 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.08.025 Water connection fees.

A. In order that appropriate provision be made for sharing the costs of the maintenance and expansion of the raw water supply, water treatment, storage, and distribution facilities of the city by those who receive the benefits thereof, there are established connection fees to such facilities, which fees shall be imposed in addition to the service connection costs

charged pursuant to Section 14.08.020. Such additional water connection fees include a “standard connection fee” and an “irrigation connection fee.” The fees shall be set so that they are equal to, but not greater than, the cost of service.

B. The water connection fees shall be based upon the applicable “dwelling unit equivalent” (“DUE”) and density assignment rate. The fee for one DUE shall be ~~\$8,559.00~~ \$9,363.00 (per LDR unit), \$5,618.00 (per MDR unit), \$3,636.00 (per HDR unit) and \$9,363.00 (per Non Residential unit) on July 1, 2018~~5~~.

C. The connection fee amount set forth above shall be adjusted annually on July 1st of each year by three percent or by a percentage equal to the inflation rate for the prior year for construction costs as determined by the environmental utilities director in the preceding June, whichever is greater. The director’s determination of the percentage equal to the inflation rate for the prior year for construction costs shall be based upon the Engineering News Record, Construction Cost Index for the prior 12 months ending in May. The environmental utilities director shall report the amount of the adjustment in percentage terms and the dollar amount due per DUE to the city council annually at the first regular meeting of the council following the adjustment of the fee.

D. Except as otherwise provided, all water connection fees established by this chapter shall be payable upon issuance of a building permit. Connection fees will be determined using the amount in effect on the date of building permit issuance.

SECTION 3. Section 14.08.090 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.08.090 Service charges for metered service.

There shall be due and payable the following monthly charges, upon submission of the bill by the city to the owner of the property supplied with service, for all treated water measured by meters for residential, commercial, industrial and manufacturing or other purposes:

A. Monthly Quantity Rates. Effective July 15, 2019~~7~~ and July 1, 2020~~18~~, the monthly quantity rates on billings shall be as follows:

	Inside City Service Area (per 100 cu. ft.)*	
	Effective 7/5 1 /2019 7	Effective 7/1/2020 18
Potable water usage (per 100 cubic feet)	\$1.30 17	\$1.34 25
Recycled water usage (per 100 cubic feet)	\$0.65 59	\$0.67 3

*~~Charges for water service delivered outside the City of Roseville water service area are set forth in Section 14.08.091.~~

B. Monthly Service Charges. Effective July ~~15~~, 201~~9~~⁷ and July 1, 20~~20~~¹⁸, the monthly service charges on billings shall be as follows:

Meter Size (inches)	Peak Flow Rate (gallons per minute)	Inside City Service Area*	
		Effective 7/ 5 ¹ /201 9 ⁷	Effective 7/1/20 20 ¹⁸
Up to 3/4	30	\$ 24.79 ^{27.26}	\$ 26.53 ^{28.08}
1	50	\$ 39.50 ^{42.07}	\$ 42.27 ^{43.34}
1-1/2	100	\$ 75.93 ^{79.09}	\$81. ⁴⁷ 24
2	¹⁶⁰	\$ 119.83 ^{123.51}	\$ 128.22 ^{127.22}
3	³⁵⁰	^{\$264.20} \$222.31	^{\$272.13} \$237.88
4	⁶³⁰ -	^{\$471.52} \$368.70	^{\$485.67} \$394.51
6	¹³⁰⁰ -	^{\$967.61} \$734.32	^{\$996.64} \$785.72
8	²⁸⁰⁰ -	^{\$2,078.26} \$1,173.26	^{\$2,140.61} \$1,255.38
10	⁴²⁰⁰ -	^{\$3,114.89} \$1,685.47	^{\$3,208.31} \$1,803.46

*~~Charges for water service delivered outside the City of Roseville water service area are set forth in Section 14.08.091.~~

C. The total amount due and payable shall be the sum of the monthly service charge plus the quantity rate. The monthly service charge is due and payable regardless of whether water has been consumed. The service charge shall be the greater of the charge based on the meter size or flow rate, with the following exceptions:

1. No service charge shall be made for fire service that has backflow prevention with detector check devices approved by the environmental utilities director.

2. No service charge shall be made for recycled water utility back-up systems that are required for reliability only and have backflow prevention and metering approved by the environmental utilities director. This exclusion does not extend to systems that are regularly required as part of normal operation. The recycled water operation shall be responsible for water volumetric charges for these services and any costs associated with meter maintenance.

D. For purposes of charging for treated water measured by meters:

1. A residential account is defined as a single metered water service which serves three or less dwelling units.

2. A nonresidential account is defined as a single metered water service which serves more than three dwelling units, or serves commercial, industrial, manufacturing, irrigation or other nonresidential land uses.

E. For single-family residential services that require automatic fire protection systems pursuant to Section 16.16.120, the increased meter size will not be assessed an additional charge associated with the fire protection system requirement. Service charges shall be

based on the required service size as determined by the Uniform Plumbing Code without consideration for any fire protection system required by Section 16.16.120.

SECTION 4. Section 14.08.091 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby deleted in its entirety:

14.08.091 Service charge outside city water service area.

~~Charges for water service delivered outside the City of Roseville water service area, including flat water rates, monthly quantity rates, monthly service charges and recycled water service, will be at a rate 60 percent higher than charges for water delivered within the City of Roseville water service area.~~

SECTION 5. Section 14.08.100 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.08.100 Flat water rates.

The following service charges shall apply to flat rate consumers that the environmental utilities director determines are not cost effective to assign metered rates. The environmental utilities director shall conduct a water use study for consumers whom he or she determines may not be reasonably metered, and the director shall assign such consumers to an appropriate service rate level as set forth in this section. Water service rates for flat rate residential consumers shall

be due and payable on a monthly basis according to the appropriate grouping set out in this section.

Effective July ~~15~~, 201~~9~~⁷, and July 1, 20~~20~~¹⁸, the flat rates on billings shall be as follows:

Nonmetered or Flat Service Charges	Inside City Service Area	
	Effective 7/ 15 /201 9 <u>7</u>	Effective 7/1/20 20 <u>18</u>
Single-family lots under 4,900 square feet; each mobile home unit not within a park maintaining its own distribution system and service; each dwelling unit of duplexes, triplexes, fourplexes, unmetered apartments and other multiple living units; other detached living units; and offices and stores with less than peak use of 250 gallons per day	<u>\$37.38</u> \$28.41	<u>\$38.51</u> \$30.40
Single-family lots 4,901 to 8,900 square feet	<u>\$42.13</u> \$37.13	<u>\$43.40</u> \$39.73
Single-family lots 8,901 to 12,000 square feet	<u>\$45.79</u> \$46.33	<u>\$47.17</u> \$49.57
Single-family lots 12,001 to 15,000 square feet	<u>\$49.36</u> \$55.05	<u>\$50.85</u> \$58.91
Single-family lots existing before July 1, 1977, which are in excess of 15,000 square feet	\$54.36	\$58.16
For each 1,000 square feet or portion over 15,000 square feet	\$2.89	\$3.09
Mobile home parks, per living unit	<u>34.47</u> \$26.32	<u>35.51</u> \$28.16

All those single-family lots over 15,000 square feet, created on or after July 1, 1977, shall be metered pursuant to Section 14.08.105		
--	--	--

* ~~Charges for water service delivered outside the City of Roseville water service area are set forth in Section 14.08.091.~~

SECTION 6. Section 14.16.060 of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.060 Local sewer connection fee.

A. A local sewer connection fee shall be charged in accordance with Section 14.16.010 for each connection to the city-owned public sewer.

B. The local sewer connection fee shall be ~~\$200.0~~363.000 per sewer unit.

C. The Construction Cost Index (CCI) inflationary fee adjustment shall become effective July 1, ~~2013~~2018~~2013~~. The fee established by this chapter shall be adjusted annually July 1st beginning on July 1, 2013~~2013~~ ~~2018~~ by a percentage equal to the adjustment rate for the prior year for construction costs as determined by the director in the preceding June. The director's determination shall be based upon averaging the Construction Cost Index (CCI) for 20 cities and for San Francisco, as published in the Engineering News Record publication for the preceding 12 months ending in May. The resultant fee shall be rounded to the nearest dollar figure.

SECTION 7. Section 14.16.080 of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.080 Regional sewer connection fee.

A. A regional sewer connection fee shall be charged in accordance with Section 14.16.010 for each sewer unit connected to the city-owned public sewer.

B. The regional sewer connection fee shall be \$~~5,500~~7,854.00.

C. The fee established by this chapter shall be adjusted annually on July 1st by a percentage equal to the adjustment rate for the prior year for construction costs as determined by the director in the preceding June. The director's determination shall be based upon averaging the Construction Cost Index (CCI) for 20 cities and for San Francisco, as published in the Engineering News Record publication for the preceding 12 months ending in May. The resultant fee shall be rounded to the nearest dollar figure.

SECTION 8. Section 14.16.200 of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.200 Monthly unit sewer service charge established.

Except as otherwise provided in this chapter, a monthly unit sewer service charge shall be paid by each user connected to the city-owned public sewer. The monthly unit sewer service charge on billings shall be:

A. The monthly sewer charge shall be ~~\$36.78~~40.55 per sewer unit, effective on billings as of July ~~5~~1, 201~~9~~7, and ~~\$38.99~~42.18 per sewer unit, effective on billings as of July 1, 20~~20~~18.

B. The monthly sewer service charges for those located outside of the city limits shall be 10 percent higher than the monthly sewer charges for those located inside city limits.

SECTION 9. Section 14.16.201 of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.201 Sacramento Regional County Sanitation District monthly unit sewer service charge established.

Except as otherwise provided in this chapter, a monthly unit sewer service charge shall be paid by each user connected to the Sacramento Regional County District's sewer system and located within Roseville city limits. Effective July ~~1~~5, 201~~9~~7, the monthly sewer charge shall be ~~\$36.78~~40.55 per sewer unit. Effective July 1, 20~~20~~18, the monthly sewer charge shall be ~~\$38.99~~42.18.

SECTION 10. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption or on July 5, 2019, whichever occurs later.

SECTION 11. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general

circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

CITY OF **ROSEVILLE**

2019 Water and Wastewater Rate Study

Final Report / April 10, 2019



April 10, 2019

Ms. Janet Vargas
Business Services Administrator
City of Roseville Environmental Utilities Department
2005 Hilltop Circle
Roseville, CA 95747

Subject: 2019 Water and Wastewater Rate Study Report

Dear Ms. Vargas,

Raftelis is pleased to provide this comprehensive Water and Wastewater Rate Study Report for the City of Roseville. This Study includes a comprehensive review of the utilities' financial plan, usage trends, accounts, customer types, capital improvement plan, and reserves to establish equitable rates that provide sufficient revenue over the next two-year planning period. The proposed rate structures and resulting rates were derived based on the cost of service principles and are proportionate and in compliance with Proposition 218.

The major objectives of the Study include the following:

- » Develop financial plans for the water and wastewater utilities to ensure financial sufficiency, meet operation and maintenance (O&M) costs, and ensure sufficient funding for capital replacement and refurbishment (R&R) needs
- » Develop sound and sufficient reserve fund targets
- » Review current rate structures for the water and wastewater utilities and determine any adjustments, if necessary, to the rates to more closely reflect costs incurred and adequately recover each utility's revenue requirements over the planning period

The Report summarizes the key findings and recommendations related to the development of the financial plans for the Water and Wastewater utilities and the development of the updated water and wastewater rates.

It has been a pleasure working with you, and we thank you and the City staff for the support provided during the course of this Study.

Sincerely,

A handwritten signature in blue ink that reads 'Habib Isaac'.

Habib Isaac
Senior Manager

A handwritten signature in blue ink that reads 'Andrea Boehling'.

Andrea Boehling
Manager

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1. Executive Summary

1.1. Background

In 2018, the City of Roseville (Roseville or City) engaged Raftelis to conduct a water, wastewater, and solid waste utility rate study (Study). R3 Consulting Group, Inc. was part of the Raftelis team and conducted the solid waste study, while Raftelis conducted the water and wastewater studies. The solid waste study was provided to the City as a separate report. This executive summary and the full report prepared by Raftelis provides the details, conclusions, and recommendations of the water and wastewater studies.

1.1.1. OBJECTIVES OF THE STUDY

The major objectives of the Study include the following:

- Develop financial plans for the water and wastewater enterprises to ensure financial sufficiency, meet operation and maintenance (O&M) costs, ensure sufficient funding for capital replacement and refurbishment (R&R) needs, and enhance the financial health of the enterprises
- Confirm required minimum reserve fund targets
- Develop water and wastewater rates that meet Proposition 218 and other regulatory requirements

1.2. Current Rates

1.2.1. CURRENT WATER RATES

The City currently charges water customers based on two customer class criteria. The first is whether the customer has a water meter or not. Non-metered customers pay a monthly flat service charge based on lot size. Metered customers are then classified according to whether they are within the City's limits or considered Outside-City customers.

The following tables provide the current rates for Fiscal Year (FY) 2019. Table 1-1 lists the current lot size tiers and their corresponding flat service charges. Note that properties over 15,000 square feet (s.f.) pay a base amount plus an incremental charge based on every additional thousand square feet of land over 15,000 square feet.

Table 1-1: Current Monthly Non-Metered Flat Service Charges

Lot Size	FY 2019
Water Comm (Single-Family lots up to 4,900 s.f.)	\$30.40
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	\$39.73
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	\$49.57
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	\$58.91
Water Comm (Single-Family lots (pre 7/1/77) > 15,000 s.f.)	\$58.16
plus for each 1,000 s.f. over 15,000 s.f.	\$3.09
Mobile Home Unit in Mobile Home Park	\$28.16

Table 1-2: Current Monthly Inside- and Outside-City Meter Service Charges

Meter Size	FY 2019
Inside-City	
3/4"	\$26.53
1"	\$42.27
1 1/2"	\$81.24
2"	\$128.22
3"	\$237.88
4"	\$394.51
6"	\$785.72
8"	\$1,255.38
10"	\$1,803.46
Outside-City	
3/4"	\$42.45
1"	\$67.63

Table 1-3: Current Inside- and Outside-City Metered Commodity Rates (\$/ccf)

Customer Class	FY 2019
Inside-City	\$1.25
Outside-City	\$2.00

1.2.2. CURRENT WASTEWATER AND RECYCLED WATER RATES

The wastewater utility operates both wastewater and recycled water services. Wastewater customers pay a flat sewer rate based on customer class. Metered Commercial customers also pay a uniform commodity rate based on wastewater flow above 10 ccf. Recycled Water customers pay a monthly service charge based on meter size and a flat commodity rate. Table 1-4 and Table 1-5 summarize the current charges for FY 2019 for wastewater and recycled water services.

Table 1-4: Current Wastewater Rates

	FY 2019
Fixed Charge	
Inside-City	
Single-Family Residential	\$38.99
Multi-Family Residential	\$38.99
Commercial - Metered	\$38.99
Commercial - Flat Rate	\$38.99
Outside-City	
Single-Family Residential	\$42.89
Commodity Rate	
Commercial	\$3.90

Table 1-5: Current Recycled Water Rates

	FY 2019
Fixed Charge	
3/4"	\$13.27
1"	\$21.14
1 1/2"	\$40.62
2"	\$64.11
3"	\$118.94
4"	\$197.26
6"	\$392.86
8"	\$627.69
10"	\$901.73
Commodity Rate	
Recycled Water	\$0.63

1.3. Financial Health and Proposed Recommendations

As part of the financial plan development, Raftelis first reviewed the City's projected revenue requirements over a 10-year planning horizon to determine the financial health of the City's utilities over the short-term and long-term to determine revenue needs over the next two-years and expected revenue requirements over the 10-year planning horizon; however, this report only identifies proposed rates for FY 2020 and FY 2021.

1.3.1. WATER UTILITY FINANCIAL HEALTH

Revenues generated from current rates and other revenues exceed the O&M expenses projected for the Study period. In FY 2019, there was a one-time transfer for shared utility facilities and included a transfer to the Rehabilitation Fund. While current rates sufficiently fund expenses, the net cashflow decreases annually during the Study period.

After reviewing the City's revenue requirements, reserve policies, capital planning schedule, and current revenues, a financial plan was developed to meet the following criteria:

1. Positive net operating cash income each year of the Study period
2. Fully fund capital projects through Pay-As-You-Go (PAYGO) or cash on hand
3. Maintain all reserves through the end of the Study period
4. Meet the water utility's debt coverage requirements

We propose a 3.0% revenue adjustment for each year of the next two fiscal years to meet the above criteria. The model includes a 2.0% increase in the subsequent Study period years to project cost of living adjustments. However, only rates from FY 2020 and FY 2021 are part of this report and the proposed Proposition 218 Notice.

1.3.2. WATER UTILITY RATE STRUCTURE

Water utility rates were updated through a comprehensive cost of service analysis to account for changes in usage patterns and specifically identify how each functional expense would be recovered between the fixed charge and variable charge. Through the cost of service analysis, we maintained a fixed cost recovery of approximately 58% with the remaining 42% recovery generated by commodity rate revenue. The rate structure itself remained the same with a fixed charge that varies by meter size and a uniform commodity rate to all metered customers. Non-Metered customers are charged based on lot size, but the total cost recovery has been recalibrated based on the

updated cost of service analysis to ensure non-metered pays its proportional share. Below is a summary of the primary drivers to the water rate structure:

1. Maintain fixed revenue recovery at 58%
2. Eliminate “Outside Customers” as a separate customer class. There are only 12 customers outside the City limits and tracking costs separately between “Inside” and “Outside” is cost prohibitive
3. Non-metered fixed charges are the same as a ¾” metered customer. Variable component is added and converted to a flat monthly charge based on lot size.
4. Metered customers commodity revenue continues to be recovered through a uniform rate

The proposed rates and rate structures are as follows:

Table 1-6: FY 2020 and FY 2021 Proposed Non-Metered Monthly Service Charge

Customer Class	FY 2020	FY 2021
Water Comm (Single-Family lots up to 4,900 s.f.)	\$37.38	\$38.50
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	\$42.13	\$43.39
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	\$45.79	\$47.16
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	\$49.36	\$50.84
Mobile Home Unit in Mobile Home Park	\$34.47	\$35.50

Table 1-7: FY 2020 and FY 2021 Proposed Metered Customer Monthly Meter Charge

Meter Size	FY 2020	FY 2021
¾"	\$27.26	\$28.08
1"	\$42.07	\$43.33
1 1/2"	\$79.09	\$81.46
2"	\$123.51	\$127.22
3"	\$264.20	\$272.13
4"	\$471.52	\$485.67
6"	\$967.61	\$996.64
8"	\$2,078.26	\$2,140.61
10"	\$3,114.86	\$3,208.31

Table 1-8: FY 2020 and FY 2021 Proposed Metered Commodity Rate

	FY 2020	FY 2021
Uniform	\$1.30	\$1.34

1.3.3. WASTEWATER AND RECYCLED WATER UTILITY FINANCIAL HEALTH

Revenues generated from current rates and other revenues exceed the O&M expenses projected for the Study period. In FY 2019, it must rely on reserves to fund a one-time transfer for shared utility facilities with the water enterprise and solid waste enterprise. For the remainder of the Study period, it is expected to meet these obligations but at a decreasing rate, indicating that current rates are insufficient in the long-term without adjustment. In addition, the City must maintain 120% debt coverage ratio for the outstanding bonds identified in Section 4.1.4.

After reviewing the wastewater and recycled water services' revenue requirements, reserve policies, capital planning schedule, and current revenues, a financial plan was developed to meet the following criteria:

1. Positive net operating cash income each year of the Study period
2. Fully fund capital projects through PAYGO or cash on hand
3. Maintain all reserves through the end of the Study period
4. Meet the debt coverage requirements
5. Recycled capital repair and replacement is limited to 1/3 of what is required based on the system's annual depreciation value. This capital budget was determined by the City to maintain low recycled rates. However, the system is deferring capital reinvestment in the short-term, increasing its potential risk of system failure. Each subsequent year, the City plans to increase the amount of capital spending until it reaches 100% of annual depreciation.

As with water, the City is setting wastewater and recycled water rates for FY 2020 and FY 2021. The proposed revenue adjustments for each service are described separately below.

Wastewater Recommendations

We propose a 4.0% increase in the revenue requirement for both years to meet the above criteria. The model includes a 3.0% increase in the subsequent Study period years to project cost of living adjustments and maintain adequate revenues for bond coverage requirements. The City should also review its financial plan and set rates for the remaining Study period years closer to their intended implementation date. Only rates through FY 2021 are part of this report and the Proposition 218 Notice.

Recycled Water Recommendations

For the recycled water system, based on City policy, recycled rates will be set to 50% of potable rates for FY 2020 and 60% of potable rates for FY 2021. As a result, a very limited amount of repair and replacement may be budgeted when compared to the system's annual depreciation as a target for reinvestment.

Proposed Rates

The City does not intend to change its wastewater rate structure while recycled water rates are a function of potable water rates and reflect a similar cost of service allocation for a water-related distribution system. Under Cost of Service principles, customer classes' financial responsibility for system costs are closely tied directly to their demand on the system. Since the proportionality between the classes' flows do not reflect any substantive changes, the financial responsibility would be a similar allocation to each customer class. Therefore, the current wastewater rates have been increased by the same percentage identified for the utility's revenue adjustments. Table 1-9 lists the proposed rates for wastewater based on the proposed revenue adjustments discussed in the financial plan section. Table 1-10 and Table 1-11 list the proposed recycled rates.

Table 1-9: FY 2020 and FY 2021 Proposed Wastewater Rates

Customer Class	FY 2020	FY 2021
Single-Family Residential	\$40.55	\$42.18
Multi-Family Residential	\$40.55	\$42.18
Commercial - Flat Rate	\$40.55	\$42.18
Commercial - Metered	\$40.55	\$42.18
Commercial - Commodity	\$4.06	\$4.23

Table 1-10: FY 2020 and FY 2021 Proposed Recycled Water Meter Service Charges

Meter Size	FY 2020	FY 2021
3/4"	\$13.63	\$16.85
1"	\$21.04	\$26.00
1 1/2"	\$39.55	\$48.88
2"	\$61.76	\$76.33
3"	\$132.10	\$163.28
4"	\$235.76	\$291.40
6"	\$483.81	\$597.98
8"	\$1,039.13	\$1,284.37
10"	\$1,557.43	\$1,924.99

Table 1-11: FY 2020 and FY 2021 Proposed Recycled Water Commodity Rate

	FY 2020	FY 2021
Uniform	\$0.65	\$0.80

2. Introduction

2.1. Study Approach

This report was prepared using principles established by the American Water Works Association (AWWA). The AWWA “Principles of Water Rates, Fees, and Charges: Manual of Water Supply Practices M1 Manual (M1 Manual) establishes commonly accepted professional standards for cost of service studies. The M1 Manual principles of rate structure design and the objectives of the Study are described below.

According to the M1 Manual, the first step in ratemaking analysis is to determine the adequate and appropriate level of funding for a given utility. This is referred to as determining each utility enterprise’s “revenue requirements”. This analysis typically considers the short-term and long-term service objectives of the utility over a given planning horizon, including capital facilities, system operations and maintenance, and financial reserve policies to determine the adequacy of a utility’s existing rates to recover its costs. Multiple factors may affect these projections, including the number of customers served, water-use trends, nonrecurring sales, weather, conservation, water use restrictions, inflation, interest rates, wholesale contracts, capital finance needs, changes in tax laws, and other changes in operating and economic conditions, among others.

After determining the utility’s revenue requirement, the next step is to analyze the cost of providing service. Utilizing the City’s approved budget, financial reports, operating data, and capital improvement plans, a rate study generally categorizes system costs, including operating and maintenance and asset costs, among major operating functions to determine the cost of service.

After the asset values and operating costs are properly categorized by function, these functionalized costs are allocated first to cost causation components, and then distributed to the various customer classes (e.g., metered versus non-metered) by determining the characteristics of those classes and the contribution of each to cost causation components such as customer costs, supply costs, peaking costs, delivery costs, and fire protection.

Rate design is the final element of the rate-making procedure and uses the revenue requirement and cost of service analysis to determine rates for each customer class that reflect the cost of providing service to those customers. Rates utilize “rate components” that build-up to the fixed charge rates and commodity rates for the various customer classes.

2.2. Legal Requirements

2.2.1. CALIFORNIA CONSTITUTION - ARTICLE XIII D, SECTION 6 (PROPOSITION 218)

Proposition 218, reflected in the California Constitution as Article XIII D, was enacted in 1996 to ensure that rates and fees are reasonable and proportional to the cost of providing service. The principal requirements for fairness of the fees, as they relate to public water or wastewater services are as follows:

1. Revenues derived from the charge shall not exceed the costs required to provide the property related service.
2. Revenues derived from the charge shall not be used for any purpose other than that for which the charge was imposed.
3. The amount of the charge imposed upon any parcel shall not exceed the proportional cost of service attributable to the parcel.
4. No charge may be imposed for a service unless that service is actually used or immediately available to the owner of property.

5. No charge may be imposed for general governmental services including, but not limited to, police, fire, ambulance or library services, where the service is available to the public at large in substantially the same manner as it is to property owners.
6. A public agency must hold a public hearing to consider the adoption of the proposed new or increase in an existing charge; written notice of the public hearing and proposed charge shall be mailed to the record owner of each parcel at least 45 days prior to the public hearing; if the public agency receives written protests to the proposed charge from a majority of the property owners, the charge may not be imposed.

As stated in AWWA's *M1 Manual*, "water rates and charges should be recovered from classes of customers in proportion to the cost of serving those customers." Raftelis follows industry standard rate setting methodologies set forth by the AWWA *M1 Manual* to ensure this Study meets Proposition 218 requirements and develops rates that do not exceed the proportionate cost of providing water or wastewater services to each parcel.

2.2.2.COST-BASED RATE SETTING METHODOLOGY

As stated in the AWWA M1 Manual, "the costs of water rates and charges should be recovered from classes of customers in proportion to the cost of serving those customers." To develop utility rates that comply with Proposition 218 and industry standards while meeting other emerging goals and objectives of the City, there are four major steps discussed below.

1. Calculate Revenue Requirement

The rate-making process starts by determining the test year (rate setting year) revenue requirement, which for this Study is FY 2018. The revenue requirement should sufficiently fund the utility's O&M, debt service, capital expenses, and reserves.

2. Cost of Service Analysis (COS)

The annual cost of providing service is distributed among customer classes commensurate with their service requirements. A COS analysis involves the following:

- Functionalize costs. Examples of functions are supply, treatment, transmission, distribution, storage, meter servicing, and customer billing and collection
- Allocate functionalized costs to cost causation components. Cost causation components include, but are not limited to, supply, base¹, maximum day, maximum hour², fire protection, meter capacity, and customer service
- Distribute the cost causation components. Distribute cost components, using unit costs, to customer classes in proportion to their demands on the system. This is described in the M1 Manual

A COS analysis for water considers both the average quantity of water consumed (base costs) and the peak rate at which it is consumed (peaking or capacity costs as identified by maximum day and maximum hour demands).³ Peaking costs are costs that are incurred during peak times of consumption. There are additional costs associated with designing, constructing, and operating and maintaining facilities large enough to meet peak demands. These peak demand costs need to be allocated to those imposing such costs on the utility. In other words, not all customer classes share the same responsibility for peaking related costs. For wastewater, flow generated by various customer types are used to determine the total proportionate demand placed on the City's wastewater system. As such, total flow is used for collection facilities and flow with the inclusion of strength factors may be used to apportion treatment costs to each customer class.

¹ Base costs are those associated with meeting average day demands and unrelated to meeting peaking demands.

² Collectively maximum day and maximum hour costs are known as peaking costs.

³ System capacity is the system's ability to supply water to all delivery points at the time when demanded.

3. Rate Design and Calculations

Rates do more than simply recover costs. Within the legal framework and industry standards, properly designed rates should support and optimize a blend of various utility objectives, such as deterring water waste, supporting affordability for essential needs, and ensuring revenue stability by determining an appropriate amount of revenue recovery from the fixed charges. Rates may also act as a public information tool in communicating these objectives to customers.

4. Rate Adoption

Rate adoption is the last step of the rate-making process to comply with Proposition 218. Raftelis documents the rate study results in this Study Report to serve as the City's administrative record and a public education tool about the proposed changes, the rationale and justifications behind the changes, and their anticipated financial impacts.

2.3. Key Assumptions

The Study uses the City's FY 2020 proposed budgets for both utilities as the base year and the model projects the City's revenue requirements through FY 2038. However, the proposed Study period for the water and wastewater studies cover FY 2020 through FY 2024, and rates are only derived for the next two fiscal years: FY 2020 and FY 2021. Therefore, this report will be limited to two years of proposed rates with a five-year outlook for each utility. The City will periodically review rates and take a measured approach with any potential rate adjustments.

The Study utilizes revenue and expense escalation assumptions based on direction from the City. These assumptions allow the City to adequately project increases in different costs across the Study period. Table 2-1 lists the expense escalation factors that are applied to different expenses in the budget based on the nature of the budget item.

Table 2-1: FY 2020 through FY 2024 Expense Escalation Factors

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General	3%	3%	3%	3%	3%
Salaries & Benefits	2%	2%	2%	2%	2%
Utilities	5%	5%	5%	5%	5%
Capital	3.1%	3.1%	3.1%	3.1%	3.1%
Reimbursed Costs	5%	5%	5%	5%	5%
Admin. Salaries & Benefits	2%	2%	2%	2%	2%
Non-Inflated	0%	0%	0%	0%	0%
Non-Rate Revenues	2%	2%	2%	2%	2%
Reserve Interest Rate	2%	2%	2%	2%	2%

Table 2-2 provide the factors influencing water demand – increases in the number of accounts and increases due to change in usage demand of each account. Roseville's water supplies include water purchased from the U.S. Bureau of Reclamation (USBR), Placer County Water Agency (PCWA), and San Juan Water District when needed. In the transportation and distribution of water to customers, an amount of water is lost to the system through evaporation, treatment, and leaks in the system. The City must account for this loss to provide adequate supply to its customers without a shortfall from this loss. The water loss factor in Table 2-2 is based on historical water loss data provided by the City.

Table 2-2: FY 2020 through FY 2024 Water Account Growth and Demand Factors

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Account Growth	1%	1%	1%	1%	1%
Water Demand Factor	100%	100%	100%	100%	100%
Wastewater Demand Factor	100%	100%	100%	100%	100%
Recycled Water Demand Factor	100%	100%	100%	100%	100%
Water Loss	8.7%	8.7%	8.7%	8.7%	8.7%

3. Water Utility

3.1. Financial Plan

This section describes the development of the water utility's financial plan, the results of which were used to determine the revenue adjustments needed to meet ongoing expenses and provide fiscal sustainability to the utility. Establishing a utility's revenue requirement is a key step in the rate setting process. The review involves analysis of projected annual operating revenues under the current rates, O&M expenses, capital expenditures, transfers between funds, debt coverage, and reserve transfers. This section of the report provides a discussion of the projected revenues, O&M and capital expenditures, the capital improvement financing plan, and overall revenue requirements required to ensure the fiscal sustainability of the water utility.

3.1.1. REVENUE FROM CURRENT RATES

The City currently charges water customers based on two customer class criteria. The first is whether the customer has a water meter or not. Non-metered customers pay a monthly flat service charge based on lot size. Metered customers are then classified according to whether they are within the City's limits or considered Outside-City customers. Metered customers pay a monthly fixed charge and a uniform rate per hundred cubic feet (ccf) of water use.

3.1.1.1. Current Water Rates

The following tables provide the current rates for FY 2019. Table 3-1 lists the current lot size tiers and their corresponding flat service charges.

Table 3-1: Current Monthly Non-Metered Flat Service Charges

Lot Size	FY 2019
Water Comm (Single-Family lots up to 4,900 s.f.)	\$30.40
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	\$39.73
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	\$49.57
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	\$58.91
Water Comm (Single-Family lots (pre 7/1/77) > 15,000 s.f.)	\$58.16
plus for each 1,000 s.f. over 15,000 s.f.	\$3.09
Mobile Home Unit in Mobile Home Park	\$28.16

Table 3-2: Current Monthly Meter Service Charges

Meter Size	FY 2019
Inside-City	
3/4"	\$26.53
1"	\$42.27
1 1/2"	\$81.24
2"	\$128.22
3"	\$237.88
4"	\$394.51
6"	\$785.72
8"	\$1,255.38
10"	\$1,803.46
Outside-City	
3/4"	\$42.45
1"	\$67.63

Table 3-3: Current Inside and Outside City Metered Commodity Rates (\$/ccf)

Customer Class	FY 2019
Inside-City	\$1.25
Outside-City	\$2.00

3.1.1.2. Number of Accounts

The following tables list the number of non-metered and metered accounts projected for FY 2020.

Table 3-4: FY 2020 Total Non-Metered Accounts

Lot Size	Accounts
Water Comm (Single-Family lots up to 4,900 s.f.)	72
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	14
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	2
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	1
Water Comm (Single-Family lots (pre 7/1/77) > 15,000 s.f.)	-
plus for each 1,000 s.f. over 15,000 s.f.	-
Mobile Home Unit in Mobile Home Park	36
Total	125

Table 3-5: FY 2020 Total Accounts

Meter Size	Accounts
Inside-City	
3/4"	36,685
1"	4,528
1 1/2"	785
2"	1,174
3"	157
4"	115
6"	28
8"	12
10"	8
Total	43,491

3.1.1.3. Water Consumption

Though Table 3-6 identifies consumption by customer class, the City currently charges a uniform consumption rate across all customer classes. The usage is projects FY 2018 consumption to FY 2020 using the inflationary factors in Table 2-2. Note that this consumption data only captures the consumption of metered customers.

Table 3-6: FY 2020 Consumption

Customer Class	Usage(ccf)
Single-Family Residential	5,916,095
Multi-Family Residential	787,915
Commercial	3,867,398
Total Consumption	10,568,194

3.1.1.4. Total Revenues

To calculate total revenues from the non-metered customers and the fixed meter charges, we multiply the fixed rates (Table 3-1 and Table 3-2) by the respective meter counts, adjusted by the account growth projections shown in Table 2-2. This resultant monthly revenue is then annualized to provide the projected revenues shown below. The total annual consumption in Table 3-6 is multiplied by the rates shown in Table 3-3. The total revenues from rates result in Table 3-7.

Table 3-7: Total Revenue from Rates

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Monthly Service Charges					
Total Monthly Service Charges	\$18,165,617	\$18,347,194	\$18,530,586	\$18,715,813	\$18,902,892
Non-Metered Flat Revenue	\$47,002	\$47,002	\$47,002	\$47,002	\$47,002
Total Fixed Revenue	\$18,212,619	\$18,394,196	\$18,577,588	\$18,762,815	\$18,949,894
Commodity Revenue					
Single-Family Residential	\$7,393,730	\$7,467,612	\$7,542,232	\$7,617,599	\$7,693,719
Multi-Family Residential	\$984,894	\$994,743	\$1,004,690	\$1,014,737	\$1,024,885
Commercial	\$4,834,030	\$4,882,361	\$4,931,176	\$4,980,479	\$5,030,275
Total Commodity Revenue	\$13,212,654	\$13,344,716	\$13,478,099	\$13,612,815	\$13,748,879
Total Rate Revenue	\$31,425,272	\$31,738,911	\$32,055,687	\$32,375,630	\$32,698,773

The water utility also earns revenue from other services provided, such as backflow repair and testing, plan check and inspection fees, and interest. Table 3-8 adds these revenues to the rate revenue in Table 3-7 to arrive at the projected total annual revenues for each year in the Study period.

Table 3-8: FY 2020 through FY 2024 Total Revenues

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Rate Revenue	\$31,114,738	\$31,425,272	\$31,738,911	\$32,055,687	\$32,375,630	\$32,698,773
Other Revenue						
Plan Check / Inspection Fees	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Interest	\$320,812	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646
Reimbursements	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Installation Tap	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
Backflow Repair & Test	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000
New Meter Installation	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307
State Bonds & Grants	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue	\$187,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750
Capacity Fee Revenue	\$0	\$5,456,759	\$5,511,326	\$5,566,440	\$5,622,104	\$5,678,325
Total Revenue	\$32,068,357	\$37,353,484	\$37,721,691	\$38,093,580	\$38,469,187	\$38,848,551

3.1.2. O&M EXPENSES

The City provided detailed expenses for FY 2020 and subsequent years were inflated according to the relevant expense factor in Table 2-1 as shown in Table 3-9.

Table 3-9: Projected O&M Expenses

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Expenditure Summary						
Administration	\$928,880	\$887,975	\$907,768	\$928,019	\$948,738	\$969,936
Water Operations	\$0	\$120,000	\$0	\$0	\$0	\$0
Asset Management	\$0	\$0	\$0	\$0	\$0	\$0
Water Treatment and Storage	\$3,429,731	\$3,690,970	\$3,818,566	\$3,951,439	\$4,089,836	\$4,234,022
Purchased Water	\$1,752,422	\$1,817,994	\$1,836,169	\$1,854,525	\$1,873,065	\$1,891,790
Water Administration	\$2,776,456	\$3,182,507	\$3,410,961	\$3,497,462	\$3,586,245	\$3,677,374
Water Distribution	\$6,407,659	\$7,860,621	\$7,878,323	\$8,168,872	\$8,467,457	\$8,774,297
Water Efficiency	\$1,698,998	\$2,067,184	\$2,114,949	\$2,163,964	\$2,214,238	\$2,265,806
Utility Billing - Admin	\$170,096	\$170,096	\$174,228	\$178,466	\$182,810	\$187,265
Utility Billing - Field Service	\$155,389	\$155,389	\$158,782	\$162,252	\$165,800	\$169,429
Utility Billing - Billing	\$297,152	\$297,152	\$304,958	\$312,975	\$321,211	\$329,671
Utility Billing - Customer Service	\$290,082	\$290,082	\$295,994	\$302,027	\$308,184	\$314,469
EU Technical Services	\$2,201,865	\$2,245,902	\$2,290,820	\$2,336,637	\$2,383,369	\$2,431,037
EU Outreach	\$233,000	\$250,000	\$257,500	\$265,225	\$273,182	\$281,377
EU Project - Water	\$7,467,111	\$1,300,000	\$500,000	\$515,546	\$531,576	\$548,105
Water Technology Replacement	\$300,000	\$309,328	\$318,946	\$328,863	\$339,088	\$349,631
Central Service / Transfers	\$2,520,860	\$2,629,433	\$2,757,969	\$2,868,197	\$2,987,845	\$3,107,788
Total Expenditures	\$30,629,700	\$27,274,632	\$27,025,933	\$27,834,469	\$28,672,646	\$29,531,994

3.1.3. CAPITAL IMPROVEMENT PLAN

The City must repair, replace, and construct new system assets to provide customers a steady supply of water. It therefore must plan for capital improvements for the Study period. The City has elected to manage these costs by using the four-year average cost of planned improvements and inflating it annually according to the capital inflation factor in Table 2-1. Since the City does not propose any new debt for the Study period, averaging the CIP allows a steady inflow of funding rather than adjusting for significant fluctuations in projects costs in a given year across the Study period. The detailed rehabilitation capital improvement plan (CIP) of actual scheduled improvements can be found in the Appendix.

Table 3-10: Capital Improvement Plan (4-Year Average CIP)

Capital	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Capital Annual Funding	\$3,686,531	\$3,801,156	\$3,919,345	\$4,041,209	\$4,166,862	\$4,296,422
Total Rehabilitation CIP	\$3,686,531	\$3,801,156	\$3,919,345	\$4,041,209	\$4,166,862	\$4,296,422

3.1.4. DEBT SERVICE

The City does not propose any new debt to fund capital improvements. Table 3-11 provides debt service schedules of existing debt; however, the debt proceeds were used for expansion projects and the corresponding debt payments are paid with capacity fee receipts from new development. The debt is included herein as rate revenue is also allowed to be used for debt coverage purposes, but it is not considered a debt obligation funded by rates.

Table 3-11: Total Debt Service Schedule

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Water Utility Certificates of Participation (2015)	\$4,130,325	\$4,130,450	\$4,134,075	\$4,126,075	\$4,131,075	\$4,128,575
Total Debt Service	\$4,130,325	\$4,130,450	\$4,134,075	\$4,126,075	\$4,131,075	\$4,128,575

3.1.5. RESERVE REQUIREMENTS

The City currently utilizes four reserve funds to ensure the water utility can continue consistent operations and construction without undue delays related to funding. Table 3-12 lists the City's reserve funds and their respective policies.

Table 3-12: Reserve Policies

Reserve	Policy
Water Operating Fund	Minimum 90 days of operating expenses Maximum 180 days of operating expenses
Rehabilitation Fund	1% of total asset value
Rate Stabilization Fund	50% of the following year's O&M expenses
Water Construction Fund	No Target – Driven by Development

3.1.6. FINANCIAL OUTLOOK AT CURRENT RATES

Revenues generated from current rates and other revenues exceed the O&M expenses projected for the Study period. In FY 2019, there was a one-time transfer for shared regional improvements as well as the budgeted Rehabilitation Fund transfer.

Figure 3-1 illustrates the operating position of the water utility, where expenses, inclusive of reserve funding, are shown by stacked bars; and the total revenues at current rates are shown by the horizontal orange trend line. Figure 3-2 summarizes the baseline CIP and its funding sources by fiscal year. Figure 3-3 displays the ending total reserve balance by fiscal year for the water utility with minimum target identified by the red trendline and ideal target identified by the black trendline.

Figure 3-1: Operating Financial Position at Current Rates

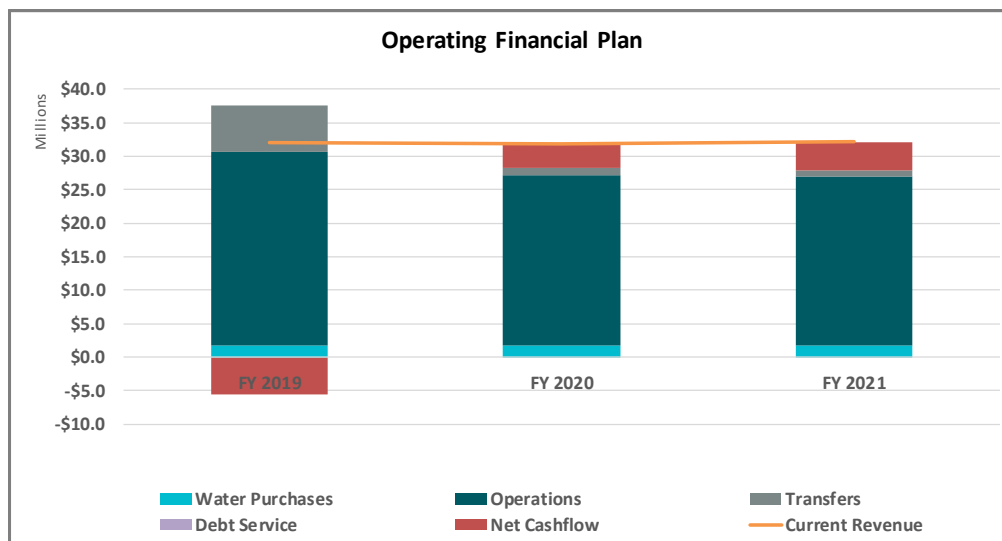


Figure 3-2: CIP with Funding Sources

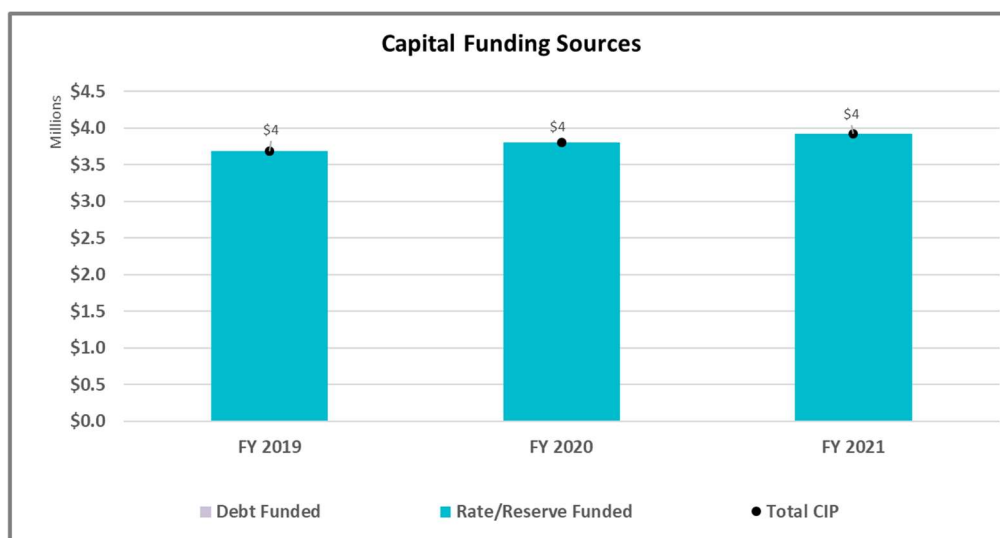
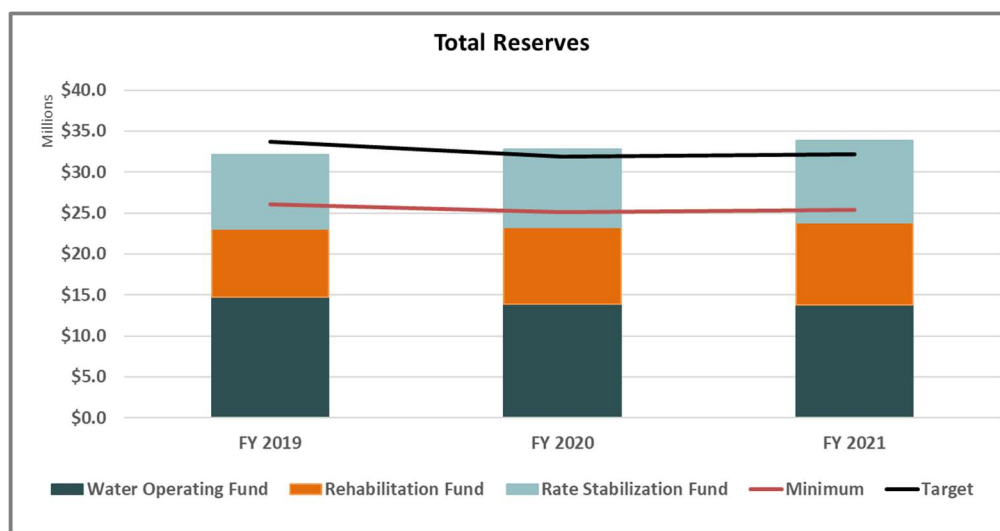


Figure 3-3: Projected Total Reserves



3.1.7. FINANCIAL PLAN RECOMMENDATIONS

After reviewing the City’s revenue requirements, reserve policies, capital planning schedule, and current revenues, a financial plan was developed to meet the following criteria:

5. Positive net operating cash income each year of the Study period
6. Fully fund capital projects through Pay-As-You-Go (PAYGO) or cash on hand
7. Maintain all reserves through the end of the Study period
8. Meet the water utility’s debt coverage requirements

Although our financial plan reflects a five-year outlook, the City is setting rates for FY 2020 and FY 2021. We propose a modest 3.0% increase in the revenue requirement for each year to meet the above criteria. The model includes a 2.0% increase in the subsequent Study period years to project cost of living adjustments.

Overall, the proposed financial plan for the water system aims to strike a balance between maintaining a strong financial position and minimizing rate increases to its customers through a multi-year, measured approach. The

proposed calculated rates herein, were based on an effective date of July 5, 2019 for FY 2020 and July 1, 2020 for FY 2021. Under the proposed plan, the City will maintain a positive net income and will meet the 5-year financial reserve targets.

Table 3-13 summarizes the proposed financial plan (see Appendix for a detailed financial Plan). Figure 3-4 shows the proposed revenue adjustments, represented by the blue bars. The green line represents the required debt coverage, while the black line represents the net revenues under the proposed adjustments. The adjustments ensure the City is able to meet its debt coverage requirements. Figure 3-5 illustrates the operating position of the water utility, where expenses, inclusive of reserve funding, are shown by stacked bars; and total revenues at both current rates and proposed rates are shown by the horizontal trend lines. Figure 3-6 summarizes the projected CIP and its funding sources. Figure 3-7 displays the ending total reserve balance for the water utility, inclusive of operating and capital funds. The horizontal trends line indicates the minimum and target reserve balances and the bars indicate ending reserve balance. No new debt is proposed to be issued as part of the proposed five-year financial plan.

Table 3-13: Proposed Financial Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Rate Revenue + Adjustments	\$31,114,738	\$32,368,030	\$33,671,811	\$34,688,036	\$35,734,937	\$36,813,442
Total Other Revenue	\$953,619	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453
Total Revenue	\$32,068,357	\$32,839,483	\$34,143,264	\$35,159,489	\$36,206,390	\$37,284,895
Total Operating Expenditures	\$30,629,700	\$27,274,632	\$27,025,933	\$27,834,469	\$28,672,646	\$29,531,994
Total Debt Service	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$30,629,700	\$27,274,632	\$27,025,933	\$27,834,469	\$28,672,646	\$29,531,994
Operating Net Income (before transfers)	\$1,438,657	\$5,564,851	\$7,117,331	\$7,325,020	\$7,533,744	\$7,752,900
Water Enterprise Transfers						
Transfers (to)/from Rate Stabilization Fund	(\$500,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)
Transfers (to)/from Water Rehabilitation Fund	(\$3,851,229)					
Transfers (to)/from Water Construction Fund	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)
Total Water Enterprise Transfers	(\$5,125,329)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)
Other City Dept Transfers						
Transfers (to)/from Solid Waste Operations Fund	(\$2,000,000)					
Transfers (to)/from Wastewater Operations Fund	\$0					
Transfers (to)/from Wastewater Rehabilitation Fund	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Total Other City Dept Transfers	(\$1,900,000)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Net Cashflow (after direct transfers)	(\$5,586,672)	\$4,640,751	\$6,193,231	\$6,400,920	\$6,609,644	\$6,828,800

Figure 3-4: Proposed Revenue Adjustments and Debt Coverage

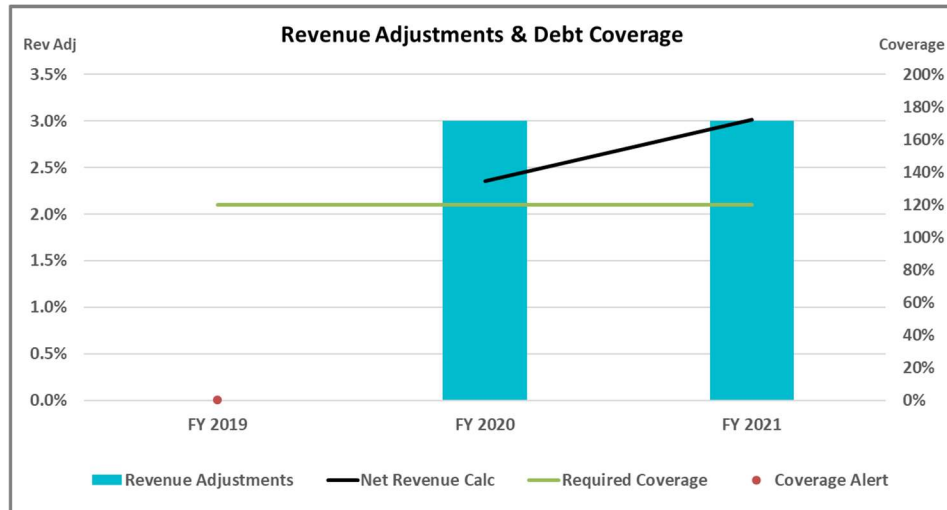


Figure 3-5: Operating Financial Position under Proposed Revenue Adjustments

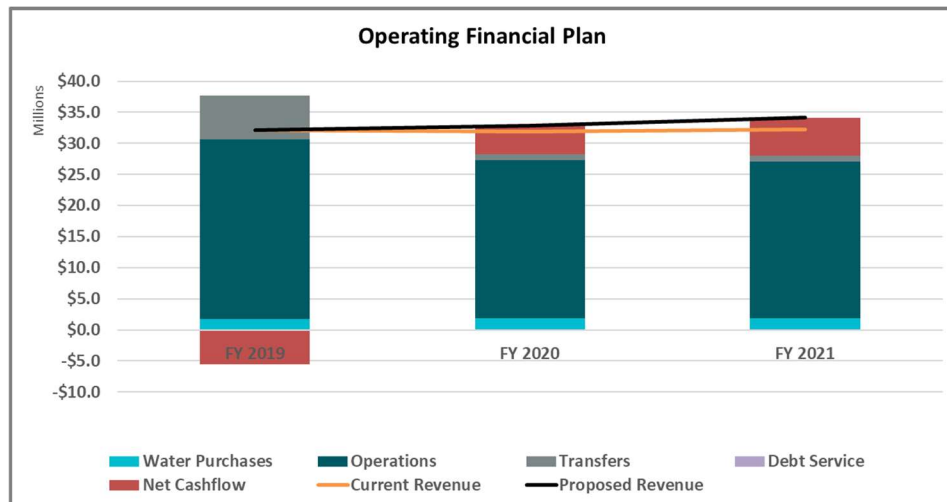


Figure 3-6: CIP with Funding Sources under Proposed Revenue Adjustments

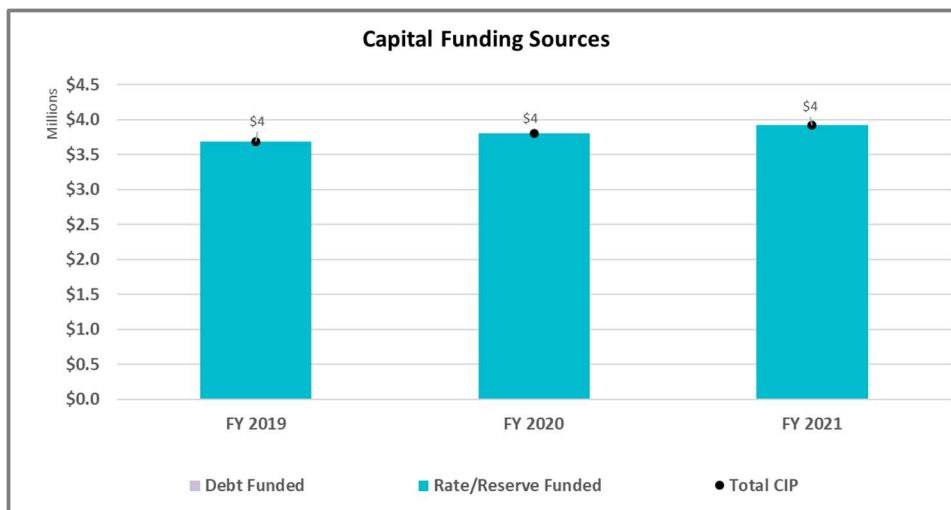
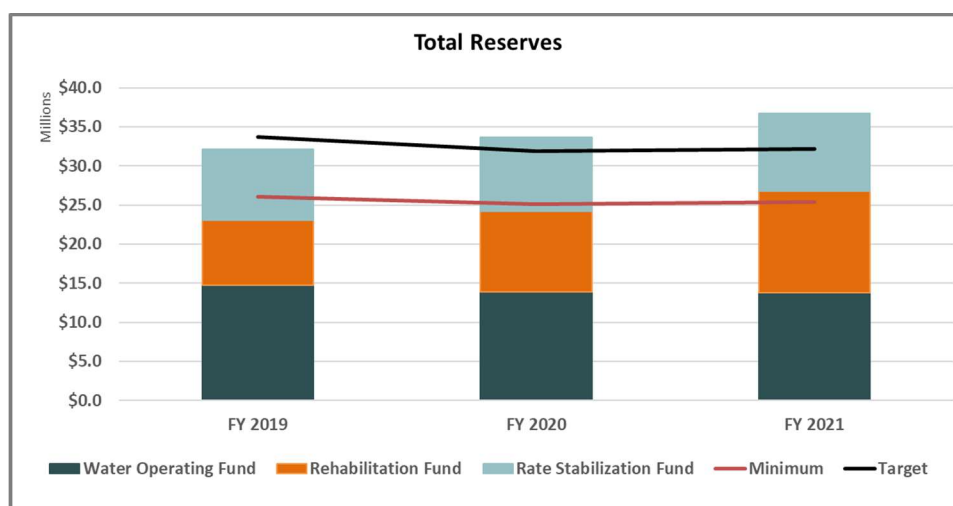


Figure 3-7: Projected Total Reserves under Proposed Revenue Adjustments



3.2. Cost of Service

3.2.1. PROPORTIONALITY

The City serves both metered and non-metered customers. In accordance with the requirements of Proposition 218, rates must charge these customer classes proportionately to the cost to serve them. Demonstrating proportionality when calculating rates is a critical component of ensuring compliance with Proposition 218. For costs that are recovered through the City's proposed fixed meter charge, the Study spread the costs either over all accounts or by meter size, depending on the type of expense. These fixed charge components also allocated to the non-metered customers assuming all non-metered customers are served by a 3/4" line. As such, customer classes and usage are not considered nor necessary for calculating each customer's fixed charge. Conversely, costs that were determined as variable, are allocated among the metered and non-metered customers based on their usage demand on the system and water supply. As stated in the Manual M1, the AWWA Rates and Charges Subcommittee agree with Proposition 218 that "the costs of water rates and charges should be recovered from classes of customers in proportion to the cost of serving those customers." The City's revenue requirements are, by definition, the cost of providing service. This cost is then used as the basis to develop unit costs for the water components and to allocate costs to the metered and non-metered customers in proportion to the water services rendered.

Individual customer demands vary depending on the nature of the utility use at the location where service is provided. The concept of proportionality requires that cost allocations consider both the average quantity of water consumed (base) and the peak rate at which it is consumed (peaking). Use of peaking is consistent with the cost of providing service because a water system is designed to meet peak demands, and the additional costs associated with designing, constructing and maintaining facilities required to meet these peak demands need to be allocated to those customers whose usage requires the need to size facilities to meet peak demand.

In allocating the costs of service, the industry standard, as promulgated by AWWA's M1 Manual, is to group customers with similar system needs and demands into customer classes. Rates are then developed for each customer class, with each individual customer paying the customer class' proportionate, average allocated cost of service.

Generally speaking, customers place the following demands on the City's water system and water supply:

- The system capacity (for treatment, storage, and distribution) that must be maintained to provide reliable service to all customers at all times.
- The level of water efficiency as a collective group.
- The number of customers requiring customer services such as bill processing, customer service support, and other administrative services.

A customer class consists of a group of customers, with common characteristics, who share responsibility for certain costs incurred by the utility. Joint costs are proportionately shared among all customers in the system based on their service requirements. The City's customers are divided between metered and non-metered customers. Non-metered customers are further defined based on their lot size into four categories or as a mobile home unit. Metered customers are further divided according to their meter size.

3.2.2.COST OF SERVICE PROCESS

A cost of service analysis distributes a utility's revenue requirements (costs) to each customer class. Figure 3-8 provides a general overview of a cost-of-service analysis. Each step shown below will be described in greater detail in the next section.

Figure 3-8: Cost of Service Process



3.2.3.COST OF SERVICE ANALYSIS

3.2.3.1. Step 1 – Determine Revenue Requirements

In this Study, water rates are calculated for FY 2020 (known as the Test Year). Test Year revenue requirements are used in the cost allocation process. Subsequent years' revenue adjustments are incremental with 3.0% proposed for FY 2021 and subsequent years of the Study period are increased at 2.0% to account for cost of living. However, as discussed above, the City will only set rates for the next two fiscal years.

The revenue requirement determination is based upon the premise that the utility must generate annual revenues to meet Supply, O&M expenses, any debt service coverage requirements, reserve levels, and capital investment needs. Deductions are made to account for the required net cashflows and any mid-year adjustment. FY 2020 cost of service to be recovered from the City's water customers is shown in Table 3-14.

Table 3-14: Revenue Requirements

Revenue Requirements	Specific	Operating	Capital	Total FY 2020
Operating Costs				
Administration		\$887,975		\$887,975
Water Operations		\$120,000		\$120,000
Asset Management		\$0		\$0
Water Treatment and Storage		\$3,690,970		\$3,690,970
Purchased Water	\$1,817,994			\$1,817,994
Water Administration		\$3,182,507		\$3,182,507
Water Distribution		\$7,860,621		\$7,860,621
Water Efficiency	\$2,067,184			\$2,067,184
Utility Billing - Admin		\$170,096		\$170,096
Utility Billing - Field Service		\$155,389		\$155,389
Utility Billing - Billing		\$297,152		\$297,152
Utility Billing - Customer Service		\$290,082		\$290,082
EU Technical Services		\$2,245,902		\$2,245,902
EU Outreach		\$250,000		\$250,000
EU Project - Water		\$1,300,000		\$1,300,000
Water Technology Replacement		\$309,328		\$309,328
Central Service / Transfers		\$2,629,433		\$2,629,433
Subtotal Operating Costs	\$3,885,178	\$23,389,454	\$0	\$27,274,632
Other Expenses				
Water Reserve Funding		\$0	\$1,024,100	\$1,024,100
Other Transfers Out		(\$100,000)		(\$100,000)
Subtotal Other Expenses	\$0	(\$100,000)	\$1,024,100	\$924,100
Total Revenue Requirements	\$3,885,178	\$23,289,454	\$1,024,100	\$28,198,732
Less: Revenue Offsets				
Plan Check / Inspection Fees		\$3,000		\$3,000
Interest		\$8,646		\$8,646
Reimbursements		\$3,750		\$3,750
Installation Tap		\$85,000		\$85,000
Backflow Repair & Test		\$55,000		\$55,000
New Meter Installation		\$298,307		\$298,307
Other Revenue		\$17,750		\$17,750
Total Revenue Offsets	\$0	\$471,453	\$0	\$471,453
Less: Adjustments				
Adjustment for Cash Balance		(\$4,640,751)		(\$4,640,751)
Adjustment for Mid-Year Increase		\$0		\$0
Total Adjustments	\$0	(\$4,640,751)	\$0	(\$4,640,751)
Revenue Requirement from Rates	\$3,885,178	\$27,458,752	\$1,024,100	\$32,368,030

3.2.3.2. Step 2 – Functionalize Costs

A cost of service analysis distributes a utility's revenue requirements (costs) to each customer class. After determining a utility's revenue requirement, the total cost of water service is analyzed by system functions to proportionately distribute costs in relation to how that cost is generally incurred. The water utility costs were categorized into the following functions:

- Specific Expenses – expenses allocated 100% to a specific cost component.
 - Purchased Water
 - Water Efficiency: funds programs to encourage customer water use efficiency and conservation
- Operations & Maintenance (O&M) Expenses
 - Water Operations Treatment and Storage, Administration, and Distribution
 - Utility Billing – Administration, Field Service, Billing, Customer Service
 - EU Technical Services, Outreach, and Project-Water
 - Water Technology Replacement
 - Central Services/Transfers

The following tables show the functionalized expenses. Table 3-15 lists specific allocations that will be allocated entirely to specific cost components.

Table 3-15: Specific Allocations

Functionalized Expenses	FY 2020 Costs
Purchased Water	\$1,817,994
Water Efficiency	\$2,067,184
Total Specific Allocation	\$3,885,178

Table 3-16: O&M Allocations

Functionalized Expenses	FY 2020 Costs
Administration	\$887,975
Water Operations	\$120,000
Asset Management	\$0
Water Treatment and Storage	\$3,690,970
Water Administration	\$3,182,507
Water Distribution	\$7,860,621
Utility Billing - Admin	\$170,096
Utility Billing - Field Service	\$155,389
Utility Billing - Billing	\$297,152
Utility Billing - Customer Service	\$290,082
EU Technical Services	\$2,245,902
EU Outreach	\$250,000
EU Project - Water	\$1,300,000
Water Technology Replacement	\$309,328
Central Service / Transfers	\$2,629,433
Total O&M Allocation	\$23,389,454

3.2.3.3. Step 3 – Allocate Functionalized Costs to Cost Components

The functionalization of costs allows us to better allocate the costs based on how they are incurred. This is commonly referred to as cost causation. Essentially, cost causation means that the City incurs a cost of providing service because of the demands or burdens the customer places on the system and water resources. Raftelis used the Base-Extra Capacity method to allocate the functionalized costs to various rate components (cost causation components), as described in the M1 Manual. The City's costs were allocated to the following cost causation components:

1. **Customer Service** includes administration, customer related costs such as billing, collecting, customer accounting, and customer call center and outreach. These costs are incurred at the same level regardless of the type of land use or the total amount of water that the utility delivers.
2. **Meter Capacity** includes some administration costs, field service, planning, maintenance and capital costs. These costs are assigned based on the meter size or equivalent meter capacity.
3. **Purchased Water** includes the contract costs and per unit water purchases from the City's water suppliers.
4. **Base** is those operating and capital costs of the water system associated with serving customers at a constant, or average, rate of use. These costs tend to vary with the total quantity of water used.
5. **Max Day and Max Hour Costs (Peaking)** represent those costs incurred to meet customer peak demands for water in excess of average day usage. Total extra capacity costs are subdivided into costs associated with maximum day and maximum hour demands. The maximum day demand is the maximum amount of water used in a single day in a year. The maximum hour (Max Hour) demand is the maximum usage in an hour on the maximum usage day (Max Day). Various facilities are designed to meet customer peaking needs. For example, reservoirs are designed to meet Max Day requirements and are designed larger than they would be if the same amount of water were being used at a constant rate throughout the year. The cost associated with constructing a reservoir is based on system wide peaking factors.
6. **Efficiency** costs relate to programs encouraging water use efficiency and conservation by the public and within the water utility.

Allocating costs into these components allows us to derive a unit rate for each cost component to clearly show how proposed fixed charges are determined and identify the unit rate components that make up the total uniform commodity rate. To allocate costs to base max day and max hour, system peaking factors are used. The base demand is assigned a value of 1.0 signifying no peaking demands. The Max Day and Max Hour factors shown in

Table 3-17 were based on historical data and discussions with City staff. Over the previous three years, the City's max day demand reflected 46.49MG over the average daily demand of 20.77MG, resulting in a max day factor of 2.24. Max Hour demand is 3.19MG verses the average hourly demand of 0.87MG, resulting in a max hour factor of 3.68. Because of these two system peak factors, a relationship may be developed between Base, Max Day and Max Hour. For Max Day, the 2.24 increase in demand is 55% increase above the average day reflected as Base demand with a factor of 1.00. Therefore, during Max Day demand, 45% of the demand is related to base demand and 55% is associated with the incremental Max Day Demand. Similarly, with Max Hour, 39% of the max hour demand is associated with the incremental increase above Max Day, and the remaining 61% is apportioned between Base and Max Day in proportion to the Max Day allocation percentages.

Table 3-17: Peaking Factors

System Peaking	Factor	Base	Max Day	Max Hour
Base	1.00	100%	0%	0%
Max Day	2.24	45%	55%	0%
Max Hour	3.68	27%	34%	39%

Specific Allocations

Table 3-18 identifies two specific allocation expenses that are allocated 100% to their own respective cost components as Water Supply and Water Efficiency. These two specific allocations will be two separate unit rate components that make up part of the uniform commodity rate.

Table 3-18: Specific Cost Component Allocations

		Cost Components						
Functionalized Expenses	FY 2020 Costs	Customer	Meter	Purchased	Base	Max Day	Max Hour	Efficiency
Purchased Water	\$1,817,994			100%				
Water Efficiency	\$2,067,184							100%
		Cost Components						
Functionalized Expenses	FY 2020 Costs	Customer	Meter	Purchased	Base	Max Day	Max Hour	Efficiency
Purchased Water	\$1,817,994	\$0	\$0	\$1,817,994	\$0	\$0	\$0	\$0
Water Efficiency	\$2,067,184	\$0	\$0	\$0	\$0	\$0	\$0	\$2,067,184
Total Specific Allocation	\$3,885,178	\$0	\$0	\$1,817,994	\$0	\$0	\$0	\$2,067,184
Specific Allocation (%)		0%	0%	47%	0%	0%	0%	53%

O&M Allocation

Raftelis reviewed the budget details related to the Operating Expenses to determine the most appropriate method for allocating the functionalized O&M expenses to cost causation components. Costs relating to administration, billing, and other expenses incurred regardless of customer water consumption are allocated below in Table 3-19 between the Customer and Meter components. These two will serve as the fixed components of the Non-Metered Rates and the Metered Service Charge. The remaining expenses are allocated according to the nature of the demand based on either the Max Day or Max Hour percentages defined in

Table 3-17. Table 3-19 also summarizes the total resulting O&M Expense Allocation. The O&M Allocation (%) will be used to allocate the Operating Requirement, including any revenue offsets or adjustments, from the revenue requirements in Table 3-14.

Table 3-19: O&M Cost Component Allocations

		Cost Components							
Functionalized Expenses	FY 2020 Costs	Customer	Meter	Purchased	Base	Max Day	Max Hour	Efficiency	
Administration	\$887,975	50%	50%						
Water Operations	\$120,000				45%	55%	0%		
Asset Management	\$0				45%	55%	0%		
Water Treatment and Storage	\$3,690,970				45%	55%	0%		
Water Administration	\$3,182,507	25%	75%						
Water Distribution	\$7,860,621		50%		14%	17%	20%		
Utility Billing - Admin	\$170,096	100%							
Utility Billing - Field Service	\$155,389		100%						
Utility Billing - Billing	\$297,152	100%							
Utility Billing - Customer Service	\$290,082	100%							
EU Technical Services	\$2,245,902		100%		0%	0%	0%		
EU Outreach	\$250,000	100%			0%	0%	0%		
EU Project - Water	\$1,300,000		100%		0%	0%	0%		
Water Technology Replacement	\$309,328		100%		0%	0%	0%		
Central Service / Transfers	\$2,629,433		100%						
		Cost Components							
Functionalized Expenses	FY 2020 Costs	Customer	Meter	Purchased	Base	Max Day	Max Hour	Efficiency	
Administration	\$887,975	\$443,987	\$443,987		\$0	\$0	\$0	\$0	
Water Operations	\$120,000	\$0	\$0		\$53,612	\$66,388	\$0	\$0	
Asset Management	\$0	\$0	\$0		\$0	\$0	\$0	\$0	
Water Treatment and Storage	\$3,690,970	\$0	\$0		\$1,648,988	\$2,041,982	\$0	\$0	
Water Administration	\$3,182,507	\$795,627	\$2,386,880		\$0	\$0	\$0	\$0	
Water Distribution	\$7,860,621	\$0	\$3,930,311		\$1,067,371	\$1,321,752	\$1,541,187	\$0	
Utility Billing - Admin	\$170,096	\$170,096	\$0		\$0	\$0	\$0	\$0	
Utility Billing - Field Service	\$155,389	\$0	\$155,389		\$0	\$0	\$0	\$0	
Utility Billing - Billing	\$297,152	\$297,152	\$0		\$0	\$0	\$0	\$0	
Utility Billing - Customer Service	\$290,082	\$290,082	\$0		\$0	\$0	\$0	\$0	
EU Technical Services	\$2,245,902	\$0	\$2,245,902		\$0	\$0	\$0	\$0	
EU Outreach	\$250,000	\$250,000	\$0		\$0	\$0	\$0	\$0	
EU Project - Water	\$1,300,000	\$0	\$1,300,000		\$0	\$0	\$0	\$0	
Water Technology Replacement	\$309,328	\$0	\$309,328		\$0	\$0	\$0	\$0	
Central Service / Transfers	\$2,629,433	\$0	\$2,629,433		\$0	\$0	\$0	\$0	
Total O&M Allocation	\$23,389,454	\$2,246,943	\$13,401,230		\$0	\$2,769,970	\$3,430,122	\$1,541,187	\$0
O&M Allocation (%)		10%	57%	0%	12%	15%	7%	0%	

Capital Allocation

Table 3-20 summarizes the percent allocations for the capital assets, the replacement cost less depreciation of the asset values by asset category as provided within the City's detailed asset listing allocated to the cost components, and the resulting total Capital Allocation (%). The Capital Allocation (%) will be used to allocate the Capital Requirement, including any revenue offsets or adjustments, from the revenue requirements Table 3-14.

Table 3-20: Capital Cost Component Allocations

		Cost Components					
Functionalized Expenses	FY 2020 Value	Customer	Meter	Purchased	Base	Max Day	Max Hour
Buildings	\$0		50%		50%		
Distribution System - Water Met	\$6,805,292		100%				
Distribution System - Water Reh:	\$15,489,807		50%		14%	17%	20%
Distribution System - Water/Wat	\$681,950,120		50%		14%	17%	20%
Equipment - All other	\$58,539		50%		14%	17%	20%
Equipment - Computer Equipme	\$352,360		100%		0%	0%	0%
Equipment - Furniture	\$19,742	100%	0%		0%	0%	0%
Improvements, other than Buildi	\$126,979		50%		14%	17%	20%
Land	\$1,460,061		100%		0%	0%	0%
Plants - Water	\$103,670,430		50%		14%	17%	20%
		Cost Components					
Functionalized Expenses	FY 2020 Value	Customer	Meter	Purchased	Base	Max Day	Max Hour
Buildings	\$0	\$0	\$0		\$0	\$0	\$0
Distribution System - Water Met	\$6,805,292	\$0	\$6,805,292		\$0	\$0	\$0
Distribution System - Water Reh:	\$15,489,807	\$0	\$7,744,904		\$2,103,317	\$2,604,588	\$3,036,999
Distribution System - Water/Wat	\$681,950,120	\$0	\$340,975,060		\$92,600,052	\$114,668,914	\$133,706,094
Equipment - All other	\$58,539	\$0	\$29,270		\$7,949	\$9,843	\$11,477
Equipment - Computer Equipme	\$352,360	\$0	\$352,360		\$0	\$0	\$0
Equipment - Furniture	\$19,742	\$19,742	\$0		\$0	\$0	\$0
Improvements, other than Buildi	\$126,979	\$0	\$63,490		\$17,242	\$21,351	\$24,896
Land	\$1,460,061	\$0	\$1,460,061		\$0	\$0	\$0
Plants - Water	\$103,670,430	\$0	\$51,835,215		\$14,077,111	\$17,432,031	\$20,326,074
Total Capital Allocation	\$809,933,331	\$19,742	\$409,265,652	\$0	\$108,805,670	\$134,736,728	\$157,105,539
Capital Allocation (%)		0%	51%	0%	13%	17%	19%

Using the allocation percentages defined in Table 3-18, Table 3-19, and Table 3-20, we then allocated the revenue requirements in Table 3-14 and summarized below in Table 3-21.

Table 3-21: Total Allocation of Costs to Components

	FY 2020 Requirement	Customer Service	Meter Capacity	Purchased Water	Base	Max Day	Max Hour	Efficiency
Revenue Requirement								
Specific	\$3,885,178	\$0	\$0	\$1,817,994	\$0	\$0	\$0	\$2,067,184
Operating	\$27,458,752	\$2,637,867	\$15,732,777	\$0	\$3,251,890	\$4,026,895	\$1,809,323	\$0
Capital	\$1,024,100	\$25	\$517,486	\$0	\$137,577	\$170,364	\$198,648	\$0
Total Revenue Requirement	\$32,368,030	\$2,637,892	\$16,250,263	\$1,817,994	\$3,389,467	\$4,197,260	\$2,007,972	\$2,067,184

3.3. Rate Design and Proposed Rates

Now that the expenses are allocated to the cost components, we can use these to develop per unit rates for each and ultimately the metered and non-metered customers' rates. Through the cost of service analysis and discussions with City staff, it was determined that the rate structure will be designed as follows:

1. Non-Metered Rates: fixed and volumetric costs are combined in a monthly charge based on lot size or per mobile home unit.
2. Metered customers charged both a fixed charge and a consumption rate:
 - a. Meter Service Charge: consists of the customer service and meter capacity charges with the latter scaled to meter size. Customers pay the monthly charge based on the size of their meter.
 - b. Commodity Rate: a uniform rate per ccf of water consumed that consists of all other cost components.

3.3.1. STEP 4 – DISTRIBUTE COST COMPONENTS

The total expenses allocated to the different cost components in Table 3-21 must now be divided between the metered and non-metered customers based on their relative share of each. This is done by first defining units of allocation for each component based on the nature of the cost. For example, as shown in Table 3-25, Customer Service will be allocated based on the total accounts because this cost is incurred equally regardless of meter size or water consumption. Similarly, meter capacity costs are not affected by water consumption. They are, however, proportional to meter size. Thus, equivalent meter units (EMUs) serve as the unit of allocation. EMUs convert the total meters at each meter size to the total equivalent $\frac{3}{4}$ " meters they represent using the AWWA's meter capacity ratios. For example, based on AWWA meter capacity ratios, a $1\frac{1}{2}$ " meter has a flow rate of 100 gallons per minute (gpm), whereas a $\frac{3}{4}$ " meter has a flow rate of 30 gpm. Therefore, the meter capacity ratio for a $1\frac{1}{2}$ " meter is the ratio between 100gpm and 30gpm, resulting in a meter equivalency of 3.33 EMUs ($100\text{gpm}/30\text{gpm}$) for a $1\frac{1}{2}$ " meter. This allows the meter capacity costs to be distributed according to the potential demand that may be realized on the system by the various meter connections.

3.3.1.1. Customer Service Charge

The fixed costs for customers must be allocated to the different meter sizes. As stated in the cost of service section, the Customer Service component is allocated by total accounts, thus is constant across all meter sizes. The Meter Service component, however, is allocated according to relative meter capacity. Table 3-22 provides these relative allocations. The AWWA capacity of each meter is divided by the base meter capacity ($\frac{3}{4}$ " meter) to arrive at the AWWA ratios for the meter sizes. The total meters per meter size are then multiplied by their respective ratios to arrive at the total AWWA EMUs by meter size.

Table 3-22: EMUs by Meter Size Calculation

Meter Size	AWWA Capacity (gpm)	AWWA Ratio	# of Meters	AWWA EMU
3/4"	30	1.00	36,685	36,685
1"	50	1.67	4,528	7,546
1 1/2"	100	3.33	785	2,616
2"	160	5.33	1,174	6,259
3"	350	11.67	157	1,826
4"	630	21.00	115	2,418
6"	1,300	43.33	28	1,225
8"	2,800	93.33	12	1,131
10"	4,200	140.00	8	1,131
Total			43,491	60,839

Table 3-23 then takes the resultant AWWA EMUs to arrive at the total weighted annual bills, shown in Column 3. The Percent Allocations of Column 4 are based on Column 3. The Meter Capacity revenue requirement is then allocated to the different meter sizes based on these percentages. The revenue requirement by meter size is then divided by actual annual bills (Column 2), to arrive at the Meter Capacity Rate.

Table 3-23: Meter Capacity Rate Calculation

Meter Size	Annual Bills	AWWA EMU	% Allocation	Revenue Requirement	Meter Capacity Rate
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
3/4"	440,222	440,222	60.3%	\$9,778,635	\$22.22
1"	54,333	90,555	12.4%	\$2,011,504	\$37.03
1 1/2"	9,417	31,391	4.3%	\$697,283	\$74.05
2"	14,083	75,112	10.3%	\$1,668,453	\$118.47
3"	1,879	21,917	3.0%	\$486,842	\$259.16
4"	1,382	29,015	4.0%	\$644,515	\$466.48
6"	339	14,706	2.0%	\$326,655	\$962.57
8"	145	13,574	1.9%	\$301,528	\$2,073.22
10"	97	13,574	1.9%	\$301,528	\$3,109.82
Total	521,898	730,066	100.0%	\$16,216,943	

This rate is then added to the Customer Service component to arrive at the total Monthly Service Charge by meter size.

Table 3-24: Meter Service Charge

Meter Size	Customer Service	Meter Capacity	FY 2020 Meter Charge
3/4"	\$5.04	\$22.22	\$27.26
1"	\$5.04	\$37.03	\$42.07
1 1/2"	\$5.04	\$74.05	\$79.09
2"	\$5.04	\$118.47	\$123.51
3"	\$5.04	\$259.16	\$264.20
4"	\$5.04	\$466.48	\$471.52
6"	\$5.04	\$962.57	\$967.61
8"	\$5.04	\$2,073.22	\$2,078.26
10"	\$5.04	\$3,109.82	\$3,114.86

The remaining components all related to customers' total usage. Note that we have combined the Max Day and Max Hour costs collectively as Peaking Costs.

Table 3-25 shows the distribution of allocation units for each cost component between the two customer classes.

Table 3-25: Metered and Non-Metered Units of Allocation

	Customer Service	Meter Capacity	Purchased Water	Base	Peaking* (Max Day + Max Hour)	Efficiency
Unit of Allocation	# of Meters (Annual)	AWWA EMU (Annual)	Total Usage (ccf)	Total Usage (ccf)	Total Weighted Usage (ccf)	Total Usage (ccf)
Metered Customers	521,898	730,066	10,568,194	10,568,194	18,518,206	10,568,194
Non-Metered Customers	1,500	1,500	11,823	11,823	20,603	11,823
Total Allocated Units	523,398	731,566	10,580,017	10,580,017	18,538,809	10,580,017

Next, these allocated revenue requirements must be converted into per unit costs using the units of allocation in Table 3-25. These calculations are shown below in Table 3-26. Note that the usage-related components for Non-Metered customers are further allocated. This allocation will be described below.

Table 3-26: Unit Cost Calculations

	Customer Service	Meter Capacity	Purchased Water	Base	Peaking (Max Day + Max Hour)	Efficiency
Unit of Allocation	# of Meters (Annual)	AWWA EMU (Annual)	Total Usage (ccf)	Total Usage (ccf)	Total Weighted Usage (ccf)	Total Usage (ccf)
Revenue Requirement	\$2,637,892	\$16,250,263	\$1,817,994	\$3,389,467	\$6,205,231	\$2,067,184
Allocation Units	523,398	731,566	10,580,017	10,580,017	18,538,809	10,580,017
Per Unit Cost	\$5.04	\$22.22	\$0.18	\$0.33	\$0.59	\$0.20

These unit rate per component are then used to allocate costs between Non-Metered and Metered customers.

Table 3-27: Allocated Revenue Requirement

	Customer Service	Meter Capacity	Purchased Water	Base	Peaking* (Max Day + Max Hour)	Efficiency
Allocated Revenue Requirement						
Metered Customers	\$2,630,332	\$16,216,943	\$1,815,963	\$3,385,679	\$6,198,335	\$2,064,874
Non-Metered Customers	\$7,560	\$33,319	\$2,032	\$3,788	\$6,896	\$2,310
Total Revenue Requirement	\$2,637,892	\$16,250,263	\$1,817,994	\$3,389,467	\$6,198,335	\$2,067,184

Non-Metered Customer Class Allocations

Non-Metered customers are further defined based on lot size or as a mobile home unit. The additional classifications are:

1. Water Comm (Single-Family lots up to 4,900 s.f.)
2. Water Comm (Single-Family lots 4,901 to 8,900 s.f.)
3. Water Comm (Single-Family lots 8,901 to 12,000 s.f.)
4. Water Comm (Single-Family lots 12,001 to 15,000 s.f.)
5. Mobile Home Unit in Mobile Home Park

Since these customers are unmetered, an estimated allocation of water consumption must be incorporated into their monthly fixed charge in order to fairly allocate the related variable costs. All unmetered accounts are Single Family Residential customers or Mobile Home Units. The average monthly usage of a Single-Family Residential customer in the City is 14 hundred cubic feet. Table 3-28 shows the Single-Family Residential customers' total annual bills by lot size tier and Mobile Home Units. The total bills per class (Column 2) are calculated by multiplying the number of accounts in Table 3-4 by 12 bills per year. Column 3 represents the maximum square foot lot size by tier. The Allocation Factor (Column 4) represents the relative size of the maximum square feet of each tier to the smallest Single-Family lot tier equal to 4,900 s.f. Since the water allotment for this tier is the average usage for a Single-Family Residential customer (14 ccf), the Allocation Factor for each subsequent tier is multiplied by 14 ccf to arrive at that tier's monthly Water Allotment per bill. The total bills in each class are then multiplied by their respective Water Allotments to arrive at the Total Water Allotment for each class (Column 6).

Table 3-28: Calculated Non-Metered Customer Water Allotment (ccf)

Customer Class	# of Bills (Annual)	S.F.	Allocation Factor	Water Allotment	Total Water Allotment
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Water Comm (Single-Family lots up to 4,900 s.f.)	864	4,900	1.00	14.0	12,096
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	168	8,900	1.82	20.6	3,458
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	24	12,000	2.45	25.7	617
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	12	15,000	3.06	30.6	368
Mobile Home Unit in Mobile Home Park	432	2,450	0.50	10.0	4,306

Now, the Non-Metered customer volumetric revenue requirements must be allocated according to the water allotment. This is done by multiplying each Component's revenue requirement by the customer class' percent share of the Total Water Allotment. Table 3-29 allocates the total Non-Metered revenue requirement for each component.

Table 3-29: Non-Metered Customer Revenue Requirement Allocations

Customer Class	Water Allotment	% Allocation	Purchased Water	Base	Peaking	Efficiency	Total
Water Comm (Single-Family lots up to 4,900 s.f.)	12,096	58.0%	\$1,179	\$2,198	\$4,002	\$1,341	\$8,719
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	3,458	16.6%	\$337	\$628	\$1,144	\$383	\$2,493
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	617	3.0%	\$60	\$112	\$204	\$68	\$444
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	368	1.8%	\$36	\$67	\$122	\$41	\$265
Mobile Home Unit in Mobile Home Park	4,306	20.7%	\$420	\$782	\$1,424	\$477	\$3,104
Total	20,844	100%	\$2,032	\$3,788	\$6,896	\$2,310	\$15,025

3.3.2. PROPOSED RATES

3.3.2.1. Non-Metered Customer Rates

The above total allocations by Non-Metered customer class are then divided by the total bills (Table 3-30) by class to arrive at the per unit cost per class. These costs, combined with the fixed cost components, sum together to form the total Non-Metered Rates per lot size. The final column in Table 3-30 provides the resulting total proposed rate by lot size for Non-Metered customers. Note that, while these customers do not have meters, they are still allocated meter customer costs based on a $\frac{3}{4}$ " meter as the City will still accrue costs based on providing similar services to each customer. Table 3-31 shows the proposed Non-Metered Monthly Service Charges for both FY 2020 and FY 2021.

Table 3-30: Proposed Non-Metered Monthly Service Charges

Customer Class	Total Bills	Customer Service	Meter Capacity	Purchased Water	Base	Peaking	Efficiency	Total Rate
Water Comm (Single-Family lots up to 4,900 s.f.)	864	\$5.04	\$22.22	\$1.37	\$2.55	\$4.64	\$1.56	\$37.38
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	168	\$5.04	\$22.22	\$2.01	\$3.75	\$6.82	\$2.29	\$42.13
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	24	\$5.04	\$22.22	\$2.51	\$4.67	\$8.50	\$2.85	\$45.79
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	12	\$5.04	\$22.22	\$2.99	\$5.57	\$10.14	\$3.40	\$49.36
Mobile Home Unit in Mobile Home Park	432	\$5.04	\$22.22	\$0.98	\$1.82	\$3.30	\$1.11	\$34.47

Table 3-31: Proposed FY 2020 and FY 2021 Non-Metered Monthly Service Charges

Customer Class	FY 2020	FY 2021
Water Comm (Single-Family lots up to 4,900 s.f.)	\$37.38	\$38.50
Water Comm (Single-Family lots 4,901 to 8,900 s.f.)	\$42.13	\$43.39
Water Comm (Single-Family lots 8,901 to 12,000 s.f.)	\$45.79	\$47.16
Water Comm (Single-Family lots 12,001 to 15,000 s.f.)	\$49.36	\$50.84
Mobile Home Unit in Mobile Home Park	\$34.47	\$35.50

3.3.2.2. Proposed Metered Customer Rates

Taking the proposed FY 2020 Meter Service Charges in Table 3-24 and escalating them by the proposed FY 2021 revenue adjustment of 3.0% results in the FY 2021 charges shown below.

Table 3-32: Proposed FY 2020 and FY 2021 Meter Service Charge

Meter Size	FY 2020	FY 2021
3/4"	\$27.26	\$28.08
1"	\$42.07	\$43.33
1 1/2"	\$79.09	\$81.46
2"	\$123.51	\$127.22
3"	\$264.20	\$272.13
4"	\$471.52	\$485.67
6"	\$967.61	\$996.64
8"	\$2,078.26	\$2,140.61
10"	\$3,114.86	\$3,208.31

All metered customers will also pay a uniform rate per ccf of water usage. This rate sums all the unit cost components derived in Table 3-26 to arrive at the total uniform rate below. The proposed rates for FY 2020 and FY 2021 are shown in Table 3-34.

Table 3-33: Metered Customer Uniform Commodity Rate

	Purchased Water	Base	Peaking	Efficiency	Proposed FY 2020 Commodity Rate
Metered Customers	\$0.18	\$0.33	\$0.59	\$0.20	\$1.30

Table 3-34: Proposed FY 2020 and FY 2021 Uniform Commodity Rate

	FY 2020	FY 2021
Uniform	\$1.30	\$1.34

4. Wastewater Utility

4.1. Financial Plan

This section describes the development of the wastewater utility's financial plan, the results of which were used to determine the revenue adjustments needed to meet ongoing expenses and provide fiscal sustainability to the City. The review involves analysis of projected annual operating revenues from wastewater and recycled water rates under the current rates, O&M expenses, capital expenditures, transfers between funds, and reserve requirements.

4.1.1. REVENUE FROM CURRENT RATES

The wastewater utility operates both wastewater and recycled water services. Wastewater customers pay a flat sewer rate based on customer class. Metered Commercial customers also pay a uniform commodity rate based on wastewater flow above 10 ccf. Recycled Water customers pay a monthly service charge based on meter size and a flat commodity rate to potable Water customers. Table 4-1 and Table 4-2 summarize the current charges for FY 2019 for wastewater and recycled water services. The following two tables, Table 4-3 and Table 4-4, provide the total accounts and consumption for each service. Table 4-5 summarizes the projected revenues under current rates for the Study period FY 2020 – 2024.

Table 4-1: Current Wastewater Rates

	FY 2019
Fixed Charge	
Inside-City	\$38.99
Single-Family Residential	\$38.99
Multi-Family Residential	\$38.99
Commercial - Metered	\$38.99
Commercial - Flat Rate	
Outside-City	\$42.89
Single-Family Residential	\$42.89
Commodity Rate	
Commercial	\$3.90

Table 4-2: Current Recycled Water Rates

	FY 2019
Fixed Charge	
3/4"	\$13.27
1"	\$21.14
1 1/2"	\$40.62
2"	\$64.11
3"	\$118.94
4"	\$197.26
6"	\$392.86
8"	\$627.69
10"	\$901.73
Commodity Rate	
Commercial	\$0.63

Table 4-3: FY 2020 Wastewater Accounts and Consumption

	Accounts / Consumption (ccf)
Fixed Charge	
Single-Family Residential	43,252
Multi-Family Residential	10,685
Commercial - Metered	1,876
Commercial - Flat Rate	1,619
Total	57,432
Commercial Flow (ccf)	966,561

Table 4-4: FY 2020 Recycled Water Accounts and Consumption

	FY 2019
Fixed Charge	
3/4"	2
1"	3
1 1/2"	11
2"	65
3"	22
4"	9
6"	4
8"	3
10"	3
Total	122
Recycled Water Usage (ccf)	1,095,938

Table 4-5: Projected Revenues under Current Rates

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Wastewater						
Monthly Service Charges	\$26,612,607	\$26,871,158	\$27,132,295	\$27,396,043	\$27,662,428	\$27,931,478
Commodity Rate	\$3,732,266	\$3,769,588	\$3,807,284	\$3,845,357	\$3,883,810	\$3,922,649
Wastewater Total	\$30,344,873	\$30,640,747	\$30,939,579	\$31,241,400	\$31,546,239	\$31,854,126
Recycled Water						
Monthly Service Charges	\$183,067	\$183,067	\$183,067	\$183,067	\$183,067	\$183,067
Commodity Rate	\$690,441	\$690,441	\$690,441	\$690,441	\$690,441	\$690,441
Recycled Water Total	\$873,508	\$873,508	\$873,508	\$873,508	\$873,508	\$873,508
Total Revenue from Rates	\$31,218,381	\$31,514,255	\$31,813,087	\$32,114,908	\$32,419,747	\$32,727,634

Additionally, the utility earns revenue from other services such as plan check and inspection fees and revenues. Table 4-6 shows the total project revenues for the Study period.

Table 4-6: Total Projected Revenues

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Wastewater Revenue	\$30,344,873	\$30,640,747	\$30,939,579	\$31,241,400	\$31,546,239	\$31,854,126
Recycled Water Revenue	\$873,508	\$873,508	\$873,508	\$873,508	\$873,508	\$873,508
Plan Check / Inspection Fees	\$95,293	\$97,199	\$99,143	\$101,125	\$103,148	\$105,211
Interest	\$267,175	\$272,519	\$277,969	\$283,528	\$289,199	\$294,983
Reimbursements	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558
Installation Tap	\$40,000	\$40,800	\$41,616	\$42,448	\$43,297	\$44,163
Rental Revenue	\$13,968	\$14,247	\$14,532	\$14,823	\$15,119	\$15,422
From Other Agencies	\$0	\$0	\$0	\$0	\$0	\$0
Industrial WW Treatment Charges	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0
Other Revenue	\$79,397	\$81,054	\$82,744	\$84,467	\$86,226	\$88,019
Total Revenue	\$39,381,771	\$39,687,631	\$39,996,648	\$40,308,858	\$40,624,294	\$40,942,990

4.1.2. O&M EXPENSES

The City's FY 2020 budget values and the assumed inflation factors (Table 2-1 and Table 2-2) for the Study period were used as the basis for projecting O&M costs beyond FY 2020. Wastewater treatment operations constitute the largest expenses for the period.

Table 4-7: Projected Wastewater O&M Expenses

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Expenditure Summary						
Administration	\$1,645,687	\$1,934,396	\$1,983,556	\$2,034,019	\$2,085,821	\$2,138,998
Wastewater Operations	\$0	\$0	\$0	\$0	\$0	\$0
Dry Creek WWTP	\$7,544,654	\$8,342,045	\$8,791,929	\$9,137,044	\$9,498,005	\$9,875,630
EU - Maintenance	\$1,545,760	\$1,739,358	\$1,927,390	\$1,969,978	\$2,013,630	\$2,058,374
Industrial Treatment	\$238,021	\$229,445	\$234,874	\$240,438	\$246,142	\$251,988
Environmental Treatment Lab	\$611,675	\$692,097	\$711,286	\$731,038	\$751,368	\$772,294
Pleasant Grove WWTP	\$6,771,727	\$6,929,822	\$7,352,642	\$7,632,701	\$7,925,328	\$8,231,160
Wastewater Collection	\$5,572,564	\$6,312,604	\$6,452,224	\$6,629,384	\$6,783,678	\$7,168,189
Recycled Water	\$555,692	\$670,459	\$691,892	\$714,098	\$737,110	\$760,959
EU Project-Wastewater	\$0	\$0	\$0	\$0	\$0	\$0
EU Project-W/W Partners	\$0	\$0	\$0	\$0	\$0	\$0
Wastewater-Outreach	\$152,000	\$260,000	\$267,800	\$275,834	\$284,109	\$292,632
Central Service / Transfers	\$5,315,958	\$5,387,296	\$5,572,387	\$5,739,559	\$5,916,485	\$6,093,979
Total Expenditures	\$29,953,738	\$32,497,523	\$33,985,981	\$35,104,094	\$36,241,676	\$37,644,204

4.1.3. CAPITAL IMPROVEMENT PLAN

The City must repair, replace, and construct new system assets to provide customers consistent wastewater service and a steady supply of recycled water. It therefore must plan for capital improvements for the Study period. The City has elected to manage these costs by using the four-year average cost of planned improvements and inflating it annually according to the capital inflation factor in Table 2-1. Since the City does not propose any new debt for the Study period, averaging the CIP allows the City to plan steady rate funding rather than adjusting for significant fluctuations in projects across the Study period. The detailed rehabilitation capital improvement plan (CIP) of actual scheduled improvements can be found in the Appendices, 5.1 Water Utility Detailed Capital Improvement Plan.

Table 4-8: Wastewater Capital Improvement Plan (4-Year Average CIP)

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
5-Year Average CIP	\$7,906,631	\$8,405,955	\$8,667,321	\$8,936,813	\$9,214,685	\$9,501,196

Recycled Water capital expenditures needs are based on the annual depreciation of the recycled water system equal to \$1,053,813. The annual depreciation value is a funding target to ensure adequate reinvestment into the system. However, the City is limiting the amount of capital funding to the recycled system at an amount equal to 1/3 of the annual depreciation value to ensure recycled rates remain low. This is a policy decision by the City and not what Raftelis would recommend for determining the full revenue requirement needs of the system. Table 4-9 reflects the annual capital replacement budget, which is then annually inflated according to the capital escalation factor.

Table 4-9: Recycled Water Capital Improvement Plan (Depreciation)

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Capital Expenditures	\$0	\$373,455	\$385,066	\$397,039	\$409,384	\$422,133

4.1.4. DEBT SERVICE SCHEDULE

The City does not propose any new debt to fund capital improvements. Table 4-10 provides the debt service payment schedule for current debt; however, these debts are paid through connection fees from new development but are listed within this section as wastewater rate revenue may also be used to fulfill debt coverage requirements.

Table 4-10: Total Debt Service Schedule

Debt Summary	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
SPWA WW Refunding Revenue Bonds 2011C	\$3,215,723	\$3,275,610	\$3,340,199	\$0	\$0	\$0
SPWA WW Refunding Revenue Bonds 2013	\$863,356	\$863,356	\$863,356	\$863,356	\$863,356	\$863,356
SPWA WW Revenue Bonds 2017	\$2,305,467	\$2,305,467	\$2,305,467	\$5,551,866	\$5,619,847	\$5,684,821
New Proposed Debt	\$0	\$0	\$0	\$0	\$0	\$0
Total Debt Service	\$6,384,546	\$6,444,434	\$6,509,023	\$6,415,222	\$6,483,202	\$6,548,177

4.1.5. RESERVE REQUIREMENTS

The City currently utilizes four reserve funds to ensure the water utility can continue consistent operations and construction without undue delays related to funding. Table 4-11 lists the City's reserve funds and their respective policies for the utility.

Table 4-11: Wastewater and Recycled Water Reserve Policies

Reserve	Policy
Wastewater Operating Fund	Target 90 days of operating expenses
Rehabilitation Fund	1% of total asset value
Rate Stabilization Fund	50% of the following year's O&M expenses
Recycled Water Reserve	Target 90 days of operating expenses

4.1.6. FINANCIAL OUTLOOK AT CURRENT RATES

Revenues generated from current rates and other revenues exceed the O&M expenses projected for the Study period. In FY 2019, it must rely on reserves to fund a one-time transfer for share regional improvements with the water enterprise and solid waste enterprise. For the remainder of the Study period, it is expected to meet these obligations but at a decreasing rate, indicating that current rates are insufficient in the long-term without adjustment. In addition, the City must maintain 120% debt coverage ratio for the outstanding bonds identified in Section 4.1.4.

4.1.6.1. Wastewater Financial Outlook

Figure 4-1 illustrates the operating position of the water utility, where expenses, inclusive of reserve funding, are shown by stacked bars; and the total revenues at current rates are shown by the horizontal orange trend line. Figure 4-2 summarizes the baseline CIP and its funding sources by fiscal year.

Figure 4-3 displays the ending total reserve balance by fiscal year for the water utility.

Figure 4-1: Wastewater Operating Financial Position at Current Rates

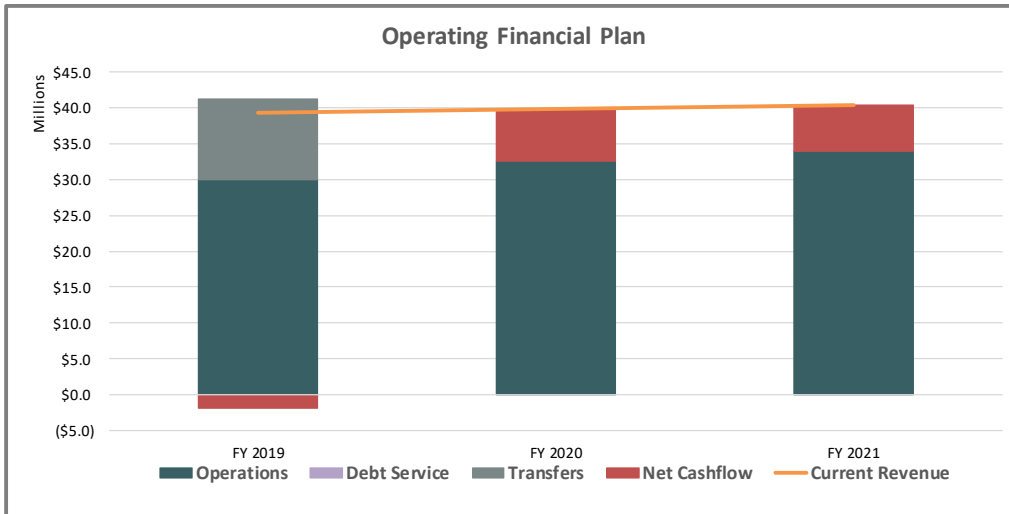


Figure 4-2: Wastewater CIP with Funding Sources

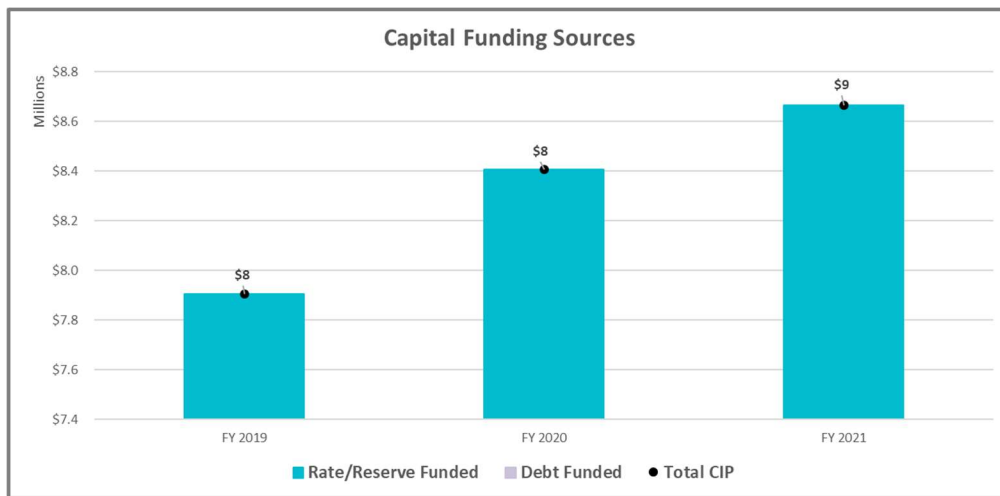
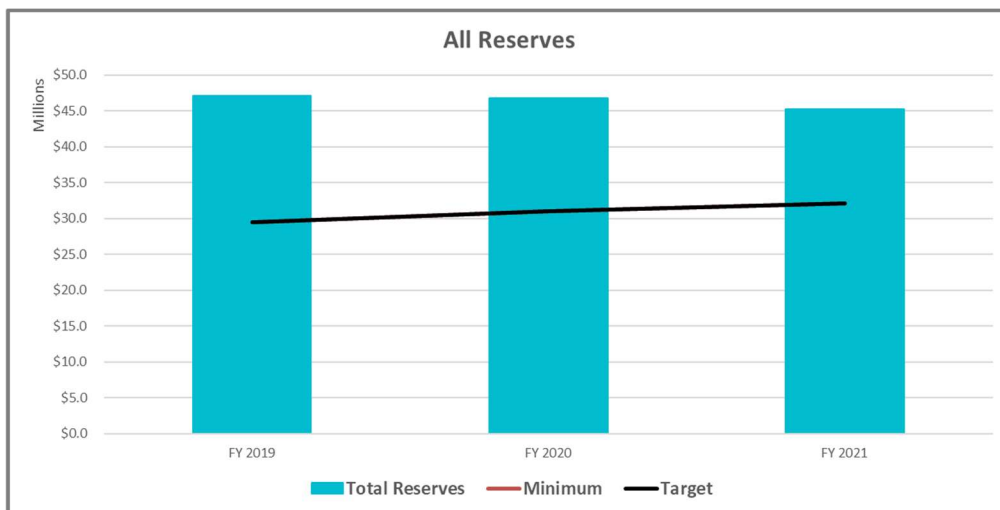


Figure 4-3: Projected Total Wastewater Reserves



4.1.6.2. Recycled Water Financial Outlook

Figure 4-4 illustrates the operating position of the water utility, where expenses, inclusive of reserve funding, are shown by stacked bars; and the total revenues at current rates are shown by the horizontal orange trend line. Figure 4-5 summarizes the assets' annual depreciation, shown by the grey dotted line, with budgeted capital replacement identified by the blue bars by fiscal year. The amount of capital reinvestment into the recycled water system has not kept up with the annual depreciation of the system. This has historically been the case due to the small number of recycled customers and the amount revenue needed to fully fund the system's depreciation would cause recycled water rates to be greater than potable water rates, which would be a deterrent for customers to use recycled water versus potable water. Figure 4-6 displays the ending total reserve balance by fiscal year for the water utility.

Figure 4-4: Recycled Water Operating Financial Position at Current Rates

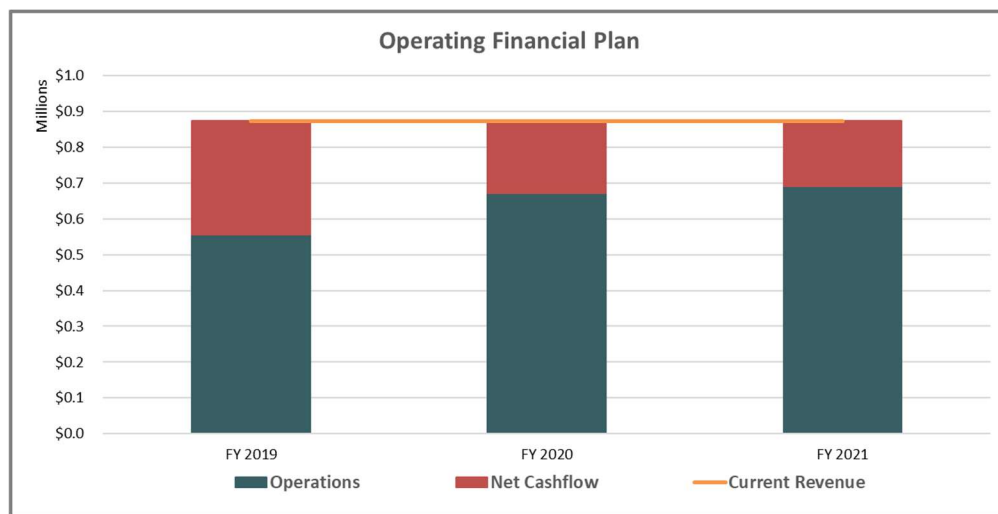


Figure 4-5: Recycled Water CIP with Funding Sources

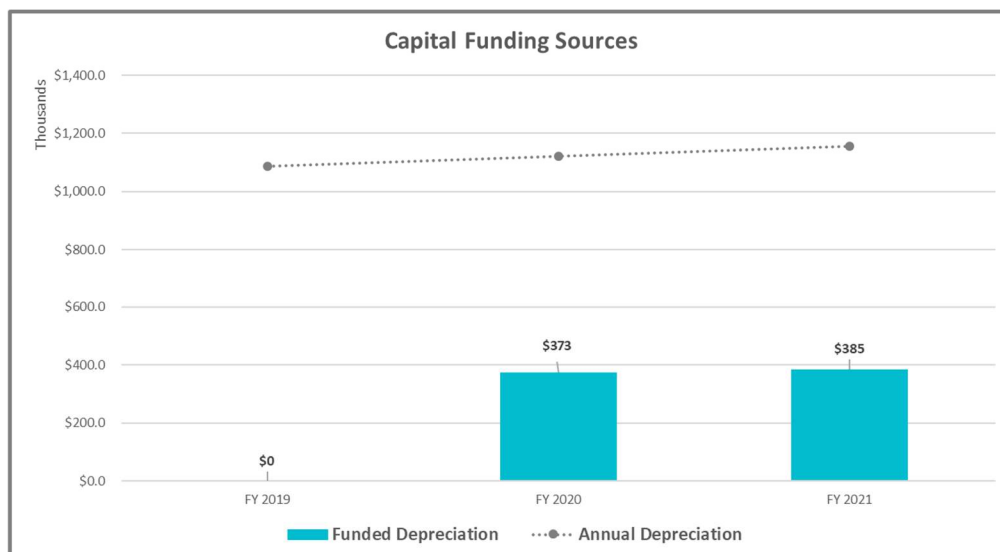
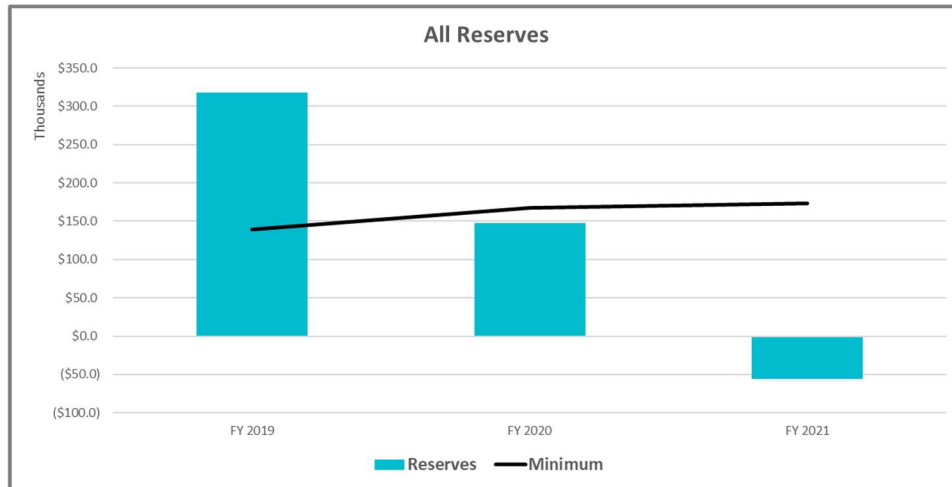


Figure 4-6: Projected Total Recycled Water Reserves



4.1.7. FINANCIAL PLAN RECOMMENDATIONS

After reviewing the wastewater and recycled water services' revenue requirements, reserve policies, capital planning schedule, and current revenues, a financial plan was developed to meet the following criteria:

1. Positive net operating cash income each year of the Study period
2. Fully fund capital projects through PAYGO or cash on hand
3. Maintain all reserves through the end of the Study period
4. Meet the debt coverage requirements

As with water, the City is setting wastewater and recycled water rates for FY 2020 and FY 2021. The proposed revenue adjustments for each service are described separately below.

4.1.7.1. Wastewater Recommendations

We propose a 4.0% increase in the revenue requirement for both years to meet the above criteria. The model includes a 3.0% increase in the subsequent Study period years to project cost of living adjustments and maintain adequate revenues for bond coverage requirements. The City should also review its financial plan and set rates for the remaining Study period years closer to their intended implementation date. Only rates through FY 2021 are part of this report and the Proposition 218 Notice.

Overall, the proposed financial plan for the wastewater system aims to strike a balance between maintaining a strong financial position and minimizing rate increases to its customers through a multi-year, measured approach. The proposed calculated rates herein, were based on an effective date of July 5, 2019 for FY 2020 and July 1, 2020 for FY 2021. Under the proposed plan, the City will maintain a positive net income and will meet the Operating Reserve's 5-year targets and debt coverage requirements.

Table 4-12 summarizes the proposed financial plan (See Appendices, 5.2 Water Detailed Financial Plan) for the wastewater and recycled water utility. Figure 4-7 shows the proposed revenue adjustments in the blue bars. The green line shows the required debt coverage ratio, while the black line displays the net revenues. Under the proposed adjustments, the City is able to meet its debt coverage requirements. Figure 4-8 illustrates the operating position of the wastewater utility, where expenses, inclusive of reserve funding, are shown by stacked bars; and total revenues at both current rates and proposed rates are shown by the horizontal trend lines. Figure 4-9 summarizes the projected CIP and its funding sources. Figure 4-10 displays the ending total reserve balance for the water utility, inclusive of operating and capital funds. The horizontal trends line indicates the target reserve balance for the Operating Fund and the bars indicate ending reserve balance. No new debt is proposed to be issued as part of the proposed five-year financial plan.

Table 4-12: Proposed Wastewater and Recycled Water Financial Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Rate Revenue + Adjustments	\$31,218,381	\$32,810,244	\$34,631,532	\$35,971,702	\$37,365,628	\$38,815,469
Total Other Revenue	\$8,163,391	\$8,173,376	\$8,183,561	\$8,193,950	\$8,204,547	\$8,215,356
Total Revenue	\$39,381,771	\$40,983,621	\$42,815,093	\$44,165,652	\$45,570,175	\$47,030,824
Total Operating Expenditures	\$29,953,738	\$32,497,523	\$33,985,981	\$35,104,094	\$36,241,676	\$37,644,204
Total Expenses	\$29,953,738	\$32,497,523	\$33,985,981	\$35,104,094	\$36,241,676	\$37,644,204
Total Debt Service	\$0	\$0	\$0	\$0	\$0	\$0
Wastewater Enterprise Transfers						
Transfers (to)/from Wastewater Rate Stabilization Fund	(\$1,250,000)	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Wastewater Rehabilitation Fund	(\$8,010,979)	\$0	\$0	\$0	\$0	\$0
Total Wastewater Enterprise Transfers	(\$9,260,979)	\$0	\$0	\$0	\$0	\$0
Other City Dept Transfers						
Transfers (to)/from Water Operations Fund	\$0	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Water Rehabilitation Fund	\$0	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Solid Waste Operations Fund	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0
Total Other City Dept Transfers	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0
Net Cashflow (after direct transfers)	(\$1,832,945)	\$8,486,098	\$8,829,113	\$9,061,559	\$9,328,499	\$9,386,621

Figure 4-7: Proposed Wastewater Revenue Adjustments and Debt Coverage

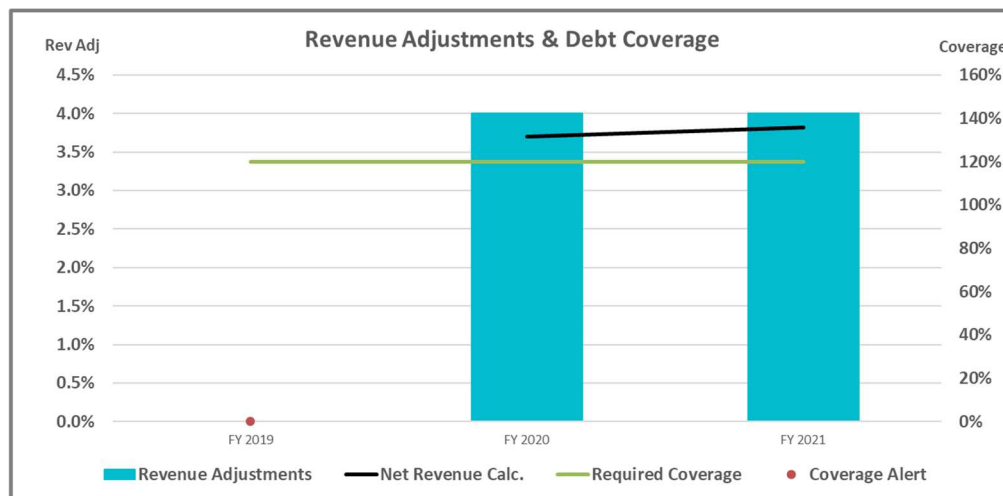


Figure 4-8: Wastewater Operating Financial Position under Proposed Rates

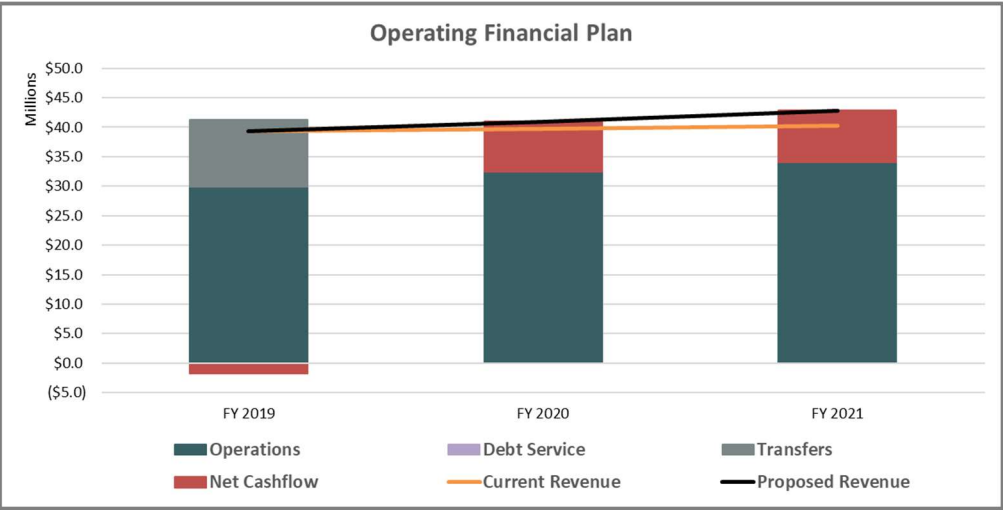


Figure 4-9: Wastewater CIP with Funding Sources under Proposed Rates

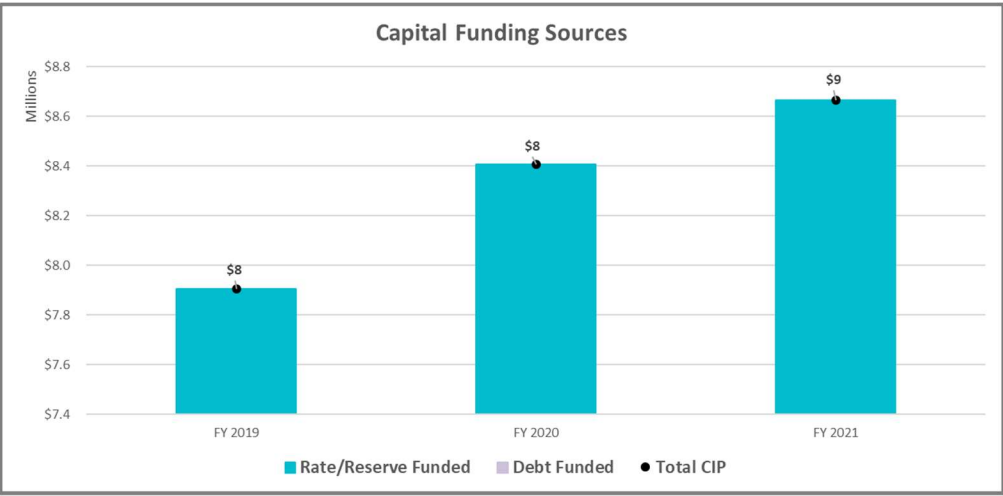
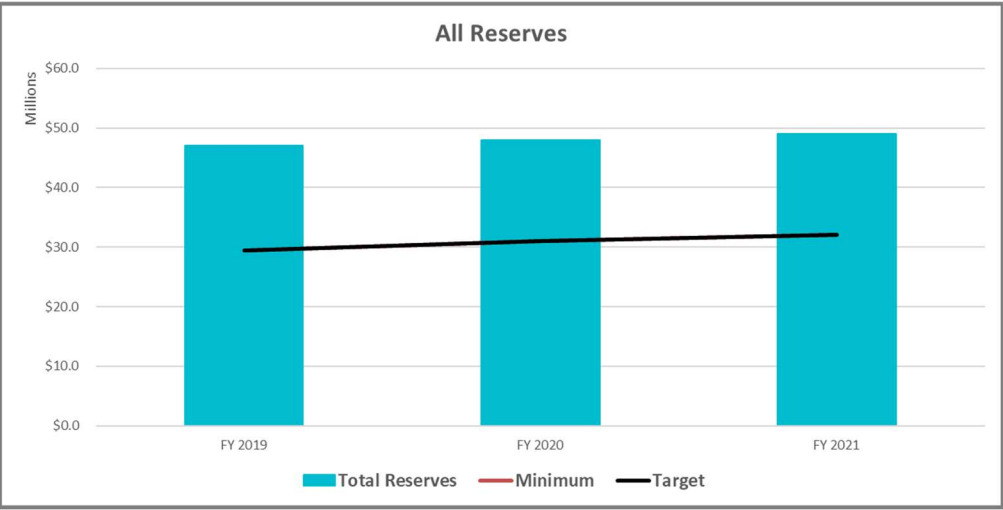


Figure 4-10: Wastewater Projected Total Reserves under Proposed Revenue Adjustments



4.1.7.2. Recycled Water Recommendations

For the recycled water system, the recommended rates include fixed charges set at the same rate as potable customers reflecting fixed costs associated with a water system and uniform commodity rates at an amount sufficient to build up revenues over the next five years to reach a level of capital reinvestment that equals at least the annual depreciation value of the recycled utility system. To achieve this level of funding, the recommended revenue adjustments would need to be 20%, followed by 4 years of 15% adjustments.

However, the City recycled rates have historically been less than potable rates, which is a policy objective to incentivize customers to use recycled water as opposed to potable water. As such, the City wishes to maintain this approach, but plans to close the gap between potable water rates and recycled water rates by increasing recycled water rates each year. For the next two years, recycled rates will be set to 50% of potable rates for FY 2020 and 60% of potable rates for FY 2021. As a result, a very limited amount of repair and replacement may be budgeted when compared to the system's annual depreciation as a reinvestment target, increasing the risk of system failures. The proposed calculated rates herein, were based on an effective date of July 5, 2019 for FY 2020 and July 1, 2020 for FY 2021. Raftelis recommends revisiting the capital budget and include additional system improvements - when possible - to limit the amount of deferred capital reinvestment.

Figure 4-11 illustrates the operating position of the recycled water utility at the City recommended adjustments, where expenses, inclusive of reserve funding, are shown by stacked bars; and total revenues at both current rates and proposed rates are shown by the horizontal trend lines. Figure 4-12 summarizes the projected CIP annual depreciation amount as a target to achieve for adequate reinvestment in the system and stacked bars reflecting the amount of repair and replacement that may be achieved with the City recommended recycled rates. Figure 4-13 displays the ending total reserve balance for the recycled water utility. The horizontal trends line indicates the target reserve balance for the Operating Fund and the bars indicate ending reserve balance. No new debt is proposed to be issued as part of the proposed five-year financial plan.

Figure 4-11: Recycled Water Operating Financial Position under Revenue Adjustments

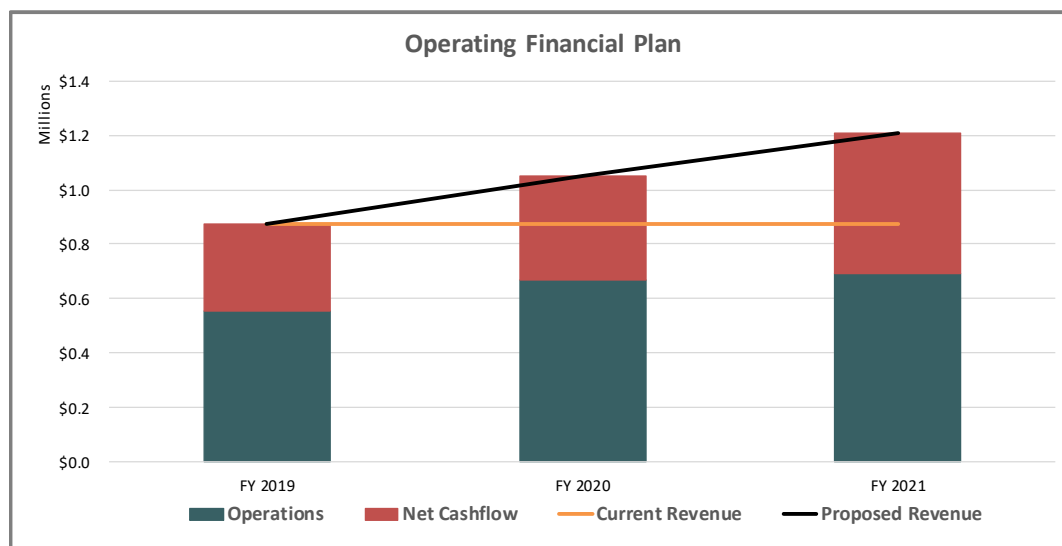


Figure 4-12: Recycled Water CIP with Funding Sources under Revenue Adjustments

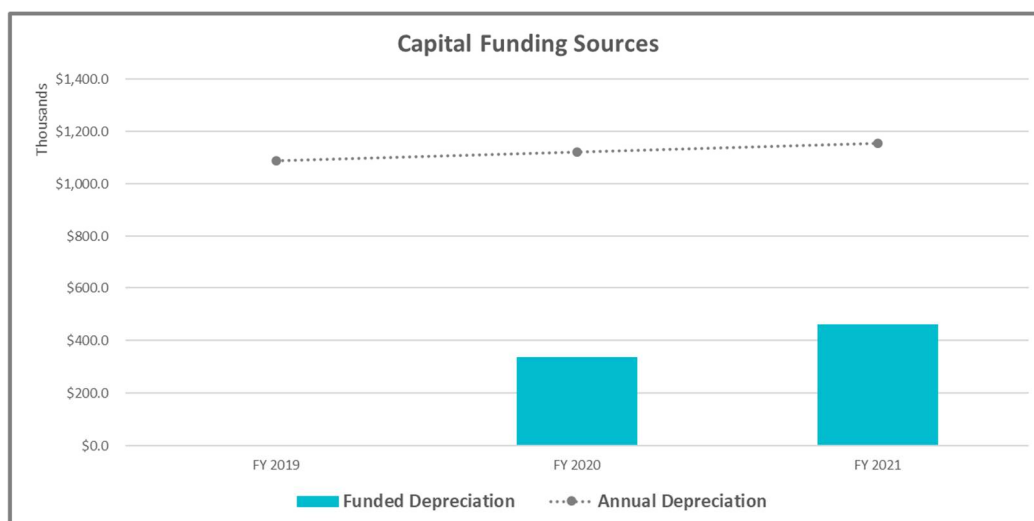
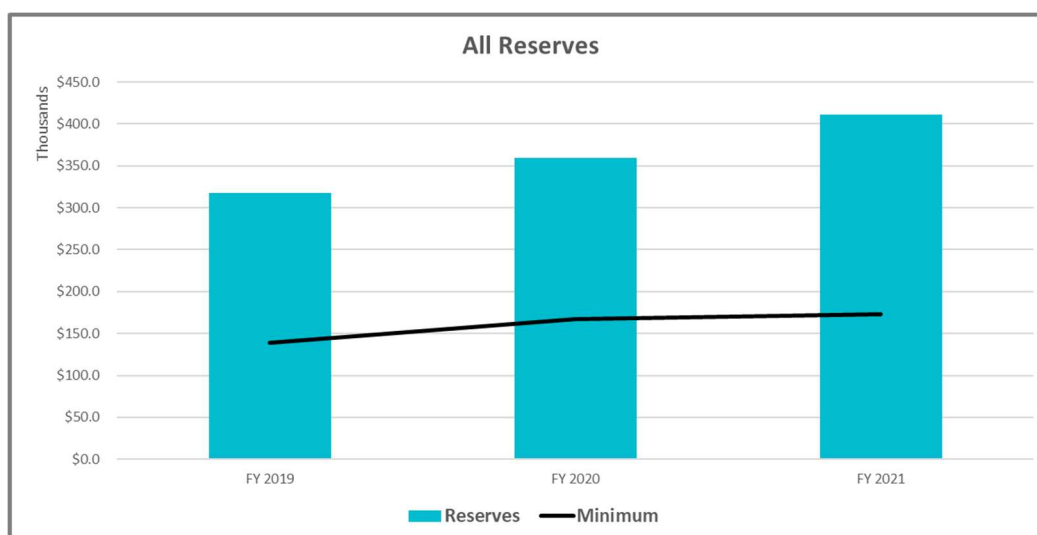


Figure 4-13: Recycled Projected Total Reserves under Proposed Revenue Adjustments



4.2. Wastewater and Recycled Water Rates

The City does not intend to change its wastewater rate structure while recycled water rates are a function of potable water rates and reflect a similar cost of service allocation. Under Cost of Service principles, customer classes' financial responsibility for system costs are closely tied directly to their demand on the system. Since the proportionality between the classes' flows do not reflect any substantive change, the financial responsibility would be a similar allocation to each customer class. Therefore, the current wastewater rates have been increased by the same percentage identified for the utility's revenue adjustments and the need to conduct a comprehensive cost of service analysis is not required at this time. However, Raftelis recommends revisiting this analysis every five years to determine if demand trends have changed to warrant a cost of service update. Table 4-13 lists the proposed rates for wastewater based on the proposed revenue adjustments discussed in the financial plan section and Table 4-14 and Table 4-15 lists the proposed recycled rates, which is based on the same cost of service analysis as the water potable water system, but reduced based on City policy.

Table 4-13: FY 2020 and FY 2021 Proposed Wastewater Rates

Customer Class	FY 2020	FY 2021
Single-Family Residential	\$40.55	\$42.18
Multi-Family Residential	\$40.55	\$42.18
Commercial - Flat Rate	\$40.55	\$42.18
Commercial - Metered	\$40.55	\$42.18
Commercial - Commodity	\$4.06	\$4.23

Table 4-14: FY 2020 and FY 2021 Proposed Recycled Water Meter Service Charges

Meter Size	FY 2020	FY 2021
3/4"	\$13.63	\$16.85
1"	\$21.04	\$26.00
1 1/2"	\$39.55	\$48.88
2"	\$61.76	\$76.33
3"	\$132.10	\$163.28
4"	\$235.76	\$291.40
6"	\$483.81	\$597.98
8"	\$1,039.13	\$1,284.37
10"	\$1,557.43	\$1,924.99

Table 4-15: FY 2020 and FY 2021 Proposed Recycled Water Commodity Rate

	FY 2020	FY 2021
Uniform	\$0.65	\$0.80

5. Appendices

5.1. Water Utility Detailed Capital Improvement Plan - Rehabilitation

Rehabilitation CIP

Rehabilitation CIP	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Coating, corrosion control	\$13,456			\$17,574							
Drain and Inspect	\$569,491						\$177,757		\$270,686		\$694,206
Facilities Rehab Project	\$2,195	\$2,239	\$2,284	\$2,329	\$2,376	\$2,423	\$2,472	\$2,521	\$2,572	\$2,623	\$2,676
Inspect/Refurbish			\$72,428								
IT Rehab Project	\$47,275	\$48,221	\$49,185	\$50,169	\$51,172	\$52,195	\$53,239	\$54,304	\$55,390	\$56,498	\$57,628
Major Rehab including HVAC replacement											\$806,969
Mechanical rehab	\$61,260	\$192,073	\$90,429						\$424,666		
Minor Electrical Rehab	\$1,102,756	\$442,375	\$53,437						\$679,348		\$1,119,940
Minor Mechanical		\$369,917				\$200,205					
Mods and minor replacements	\$195,819	\$111,751		\$132,950							\$370,781
Ongoing Annual Projects (Meter Replacement)	\$150,000	\$153,000	\$156,060	\$159,181	\$162,365	\$165,612	\$168,924	\$172,303	\$175,749	\$179,264	\$182,849
Rebuild	\$4,043	\$30,600	\$13,040					\$3,901	\$106,112		
Recoat Tank											\$1,466,735
Recoat, patch, seal, etc.	\$70,829	\$439,146	\$890,039						\$942,379		\$896,151
Refresh site improvements		\$64,119									
Refresh Tenant Improvements											\$322,788
Refurb, BRWTP Condition Assessment	\$306,000	\$312,120									
Refurb, Filter and drain channel				\$884,369							
Refurb, Filter recoating, three original filters				\$548,547							
Refurb, Other Concrete	\$630,651										
Refurb, SLC-500 PLC	\$2,122,416	\$622,398									
Repair/Replace Roof		\$115,599	\$11,150			\$16,684					\$806,969
Repl, Pump, PRV, PRS Station PLC Replacement			\$947,128	\$966,071							
Replace						\$5,714			\$205,260	\$1,236,968	\$7,570,244
Replace and Redevelop Well	\$120,888						\$136,139				
Rotating parts and bearings	\$13,197			\$3,295			\$29,723				
Upgrade instruments	\$220,551	\$88,475	\$10,687						\$135,870		\$223,988
Water - EU Engineering - Technology Replacement	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061	\$27,602	\$28,154	\$28,717	\$29,291	\$29,877	\$30,475
Water - Technology Replacement	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122	\$55,204	\$56,308	\$57,434	\$58,583	\$59,755	\$60,950
Water Rehabilitation Prog Support	\$75,000	\$76,500	\$78,030	\$79,591	\$81,182	\$82,806	\$84,462	\$86,151	\$87,874	\$89,632	\$91,425
Total Rehabilitation CIP	\$5,780,826	\$3,145,032	\$2,451,926	\$2,923,667	\$378,278	\$608,446	\$737,180	\$405,332	\$3,173,782	\$1,654,617	\$14,704,775

5.2. Water Detailed Financial Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Rate Revenue + Adjustments	\$31,114,738	\$32,368,030	\$33,671,811	\$34,688,036	\$35,734,937	\$36,813,442	\$37,549,711	\$38,300,705	\$39,066,719	\$39,848,053	\$40,645,014
Other Revenue											
Plan Check / Inspection Fees	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Interest	\$320,812	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646	\$8,646
Reimbursements	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Installation Tap	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
Backflow Repair & Test	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000
New Meter Installation	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307	\$298,307
Other Revenue	\$187,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750	\$17,750
Total Other Revenue	\$953,619	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453	\$471,453
Total Revenue	\$32,068,357	\$32,839,483	\$34,143,264	\$35,159,489	\$36,206,390	\$37,284,895	\$38,021,164	\$38,772,158	\$39,538,172	\$40,319,506	\$41,116,467
Expenditures											
Administration	\$928,880	\$887,975	\$907,768	\$928,019	\$948,738	\$969,936	\$991,624	\$1,013,815	\$1,036,521	\$1,059,754	\$1,083,526
Water Operations	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Treatment and Storage	\$3,429,731	\$3,690,970	\$3,818,566	\$3,951,439	\$4,089,836	\$4,234,022	\$4,559,144	\$4,709,923	\$4,866,380	\$5,028,751	\$5,197,279
Purchased Water	\$1,752,422	\$1,817,994	\$1,836,169	\$1,854,525	\$1,873,065	\$1,891,790	\$1,891,790	\$1,891,790	\$1,891,790	\$1,891,790	\$1,891,790
Water Administration	\$2,776,456	\$3,182,507	\$3,410,961	\$3,497,462	\$3,586,245	\$3,677,374	\$3,770,911	\$3,866,924	\$3,965,478	\$4,066,645	\$4,170,495
Water Distribution	\$6,407,659	\$7,860,621	\$7,878,323	\$8,168,872	\$8,467,457	\$8,774,297	\$9,087,439	\$9,293,379	\$9,621,371	\$9,840,235	\$10,183,840
Water Efficiency	\$1,698,998	\$2,067,184	\$2,114,949	\$2,163,964	\$2,214,238	\$2,265,806	\$2,318,702	\$2,372,961	\$2,428,619	\$2,485,715	\$2,544,287
Utility Billing	\$912,718	\$912,718	\$933,962	\$955,720	\$978,006	\$1,000,833	\$1,024,214	\$1,048,165	\$1,072,698	\$1,097,829	\$1,123,573
EU Technical Services	\$2,201,865	\$2,245,902	\$2,290,820	\$2,336,637	\$2,383,369	\$2,431,037	\$2,479,658	\$2,529,251	\$2,579,836	\$2,631,432	\$2,684,061
EU Outreach	\$233,000	\$250,000	\$257,500	\$265,225	\$273,182	\$281,377	\$289,819	\$298,513	\$307,468	\$316,693	\$326,193
EU Project - Water	\$7,467,111	\$1,300,000	\$500,000	\$515,546	\$531,576	\$548,105	\$565,147	\$582,719	\$600,837	\$619,519	\$638,782
Water Technology Replacement	\$300,000	\$309,328	\$318,946	\$328,863	\$339,088	\$349,631	\$360,502	\$371,711	\$383,269	\$395,186	\$407,473
Central Service / Transfers	\$2,520,860	\$2,629,433	\$2,757,969	\$2,868,197	\$2,987,845	\$3,107,788	\$3,232,844	\$3,363,242	\$3,499,224	\$3,641,039	\$3,788,950
Total Operating Expenditures	\$30,629,700	\$27,274,632	\$27,025,933	\$27,834,469	\$28,672,646	\$29,531,994	\$30,571,793	\$31,342,392	\$32,253,492	\$33,074,587	\$34,040,250
Total Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$30,629,700	\$27,274,632	\$27,025,933	\$27,834,469	\$28,672,646	\$29,531,994	\$30,571,793	\$31,342,392	\$32,253,492	\$33,074,587	\$34,040,250
Net Cashflow											
Operating Net Income (before transfers)	\$1,438,657	\$5,564,851	\$7,117,331	\$7,325,020	\$7,533,744	\$7,752,900	\$7,449,371	\$7,429,766	\$7,284,680	\$7,244,920	\$7,076,218
Water Enterprise Transfers											
Transfers (to)/from Rate Stabilization Fund	(\$500,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)	(\$250,000)
Transfers (to)/from Water Rehabilitation Fund	(\$3,851,229)										
Transfers (to)/from Water Construction Fund	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)	(\$774,100)
Total Water Enterprise Transfers	(\$5,125,329)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)	(\$1,024,100)
Other City Dept Transfers											
Transfers (to)/from Solid Waste Operations Fund	(\$2,000,000)										
Transfers (to)/from Wastewater Operations Fund	\$0										
Transfers (to)/from Wastewater Rehabilitation Fund	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Total Other City Dept Transfers	(\$1,900,000)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Net Cashflow (after direct transfers)	(\$5,586,672)	\$4,640,751	\$6,193,231	\$6,400,920	\$6,609,644	\$6,828,800	\$6,525,271	\$6,505,666	\$6,360,580	\$6,320,820	\$6,152,118

5.3. Wastewater and Recycled Water Utility Detailed Capital Improvement Plan

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Local Rehabilitation											
Clean Out Installation	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122	\$55,204	\$56,308	\$57,434	\$58,583	\$59,755	\$60,950
Emergency Collection System Repair	\$500,000	\$510,000	\$520,200	\$530,604	\$541,216	\$552,040	\$563,081	\$574,343	\$585,830	\$597,546	\$609,497
Facilities Rehab Project	\$10,193	\$10,397	\$10,605	\$10,817	\$11,033	\$11,254	\$11,479	\$11,709	\$11,943	\$12,182	\$12,425
IT Rehab Project	\$68,975	\$70,355	\$71,762	\$73,197	\$74,661	\$76,154	\$77,677	\$79,231	\$80,815	\$82,432	\$84,080
Mechanical Rehab	\$25,269			\$26,815							
Minor Electrical Rehab	\$14,439	\$14,728		\$76,615	\$15,630			\$116,103			\$17,601
Refurb, Recycle Water Expansion Study	\$620,574										
Repl, Lift Station Plc Replacement				\$828,061							
Repl, Regional Wastewater Lift Station #3 Decommission Replace	\$182,070							\$2	\$592,126	\$2,415,875	\$616,048
Sewer Manhole Upgrade	\$250,000	\$255,000	\$260,100	\$265,302	\$270,608	\$276,020	\$281,541	\$287,171	\$292,915	\$298,773	\$304,749
Sewer Service Upgrade	\$100,000	\$102,000	\$104,040	\$106,121	\$108,243	\$110,408	\$112,616	\$114,869	\$117,166	\$119,509	\$121,899
Upgrade Instruments	\$2,888	\$2,946		\$15,323	\$3,126			\$23,221			\$3,520
Upgrade Sewer Line	\$150,000	\$153,000	\$156,060	\$159,181	\$162,365	\$165,612	\$168,924	\$172,303	\$175,749	\$179,264	\$182,849
Wastewater - Technology Replacement	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122	\$55,204	\$56,308	\$57,434	\$58,583	\$59,755	\$60,950
Wastewater Rehab Program Support	\$75,000	\$76,500	\$78,030	\$79,591	\$81,182	\$82,806	\$84,462	\$86,151	\$87,874	\$89,632	\$91,425
10-YR Average Annual Local CIP											
Subtotal Local Rehabilitation	\$2,099,408	\$1,296,925	\$1,304,836	\$2,277,747	\$1,376,307	\$1,384,703	\$1,412,397	\$1,579,970	\$2,061,584	\$3,914,722	\$2,165,994

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Regional Rehabilitation											
Balance impellers and bearings				\$112,259					\$123,943		
Change diffuser and inspect, partial replacemtn of components		\$642,452		\$668,407		\$695,410		\$723,505		\$752,734	
Change plates									\$17,347	\$165,808	
Electrical/mechanical rehab				\$543,393							
Hardware Replacement			\$205,044								
Impellers and volutes	\$45,898	\$89,375		\$230,711							
Inspect/Refurbish				\$107,655							
Mechanical rehab	\$449,519	\$21,304		\$451,474		\$427,273			\$94,540		
Minor Electrical Rehab	\$4,730	\$84,244		\$1,110,774	\$225,376	\$1,600,025					\$5,766
Minor Refresh/Update				\$1,174,302		\$128,228					
MISC REHAB FOR DCWWTP AND PGWWTP	\$380,820	\$388,436	\$396,205	\$404,129	\$412,212	\$420,456	\$428,865	\$437,442	\$446,191	\$455,115	\$464,217
Mods and minor replacements	\$969,645			\$772,495		\$96,171					
Rebuild	\$7,420	\$1,098									
Rebuild gear box, bearings				\$18,823		\$58,750					
Rebuild, (e.g. shims)				\$180,006							
Recoat, patch, seal, etc.	\$298,595	\$316,144				\$1,612,732					
Refresh site improvements						\$80,478					
Refresh Tenant Improvements	\$67,904										
Refurb, DC Tertiary Filter Rehab (TJ - Delayed 2 yrs.)	\$525,570										
Refurb, DCWWTP Digester 1 Roof Rehabilitation		\$4,461,585	\$2,454,034								
Refurb, Dry Creek Co-Gen	\$2,680,266	\$747,069									
Refurb, Historical Data Repository (HDR)	\$951,981										
Refurb, Interceptors Condition Assessment and Cleaning	\$159,126										
Refurb, PG Chemical Tanks			\$147,160								
Refurb, Pleasant Grove & Dry Creek Wastewater Treatment Plants - Second		\$229,007	\$233,587								
Refurb, US and Bar Screen Influent Pipeline Rehabilitation	\$587,834										
Repair/Replace Roof						\$1,493,075					
Repl, DC MCC (3) and Switchgear (2) Replacement			\$2,273,227								
Repl, DCWWTP TSO Nitrate Removal	\$1,720,755										
Repl, Regional Wastewater Lift Station #2 Decommission	\$99,347										
Repl, Replace IPS and Sidestream Pumps (6) and VFDs		\$699,302									
Repl, Square D PLC Replacement @ DC	\$343,510	\$620,173									
Replace				\$62,846	\$798,802	\$2,712,510	\$577,393			\$2,548,276	\$14,532
Rotating parts and bearings				\$316,880		\$146,596					
Upgrade instruments	\$946	\$16,849		\$222,155	\$45,075	\$320,005					\$1,153
10-YR Average Annual Regional CIP											
Subtotal Regional Rehabilitation	\$9,293,865	\$8,317,036	\$5,709,256	\$6,376,310	\$1,481,465	\$9,791,711	\$1,006,258	\$1,160,947	\$682,021	\$3,921,933	\$485,669

5.4. Wastewater and Recycled Water Utility Detailed Financial Plan

Revenue	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Rate Revenue + Adjustments	\$31,218,381	\$31,514,255	\$33,050,670	\$34,339,295	\$35,810,635	\$37,355,393	\$38,614,680	\$39,866,115	\$40,707,278	\$41,567,456	\$42,447,139
Other Revenue											
Plan Check / Inspection Fees	\$95,293	\$97,199	\$99,143	\$101,125	\$103,148	\$105,211	\$107,315	\$109,461	\$111,651	\$113,884	\$116,161
Interest	\$267,175	\$272,519	\$277,969	\$283,528	\$289,199	\$294,983	\$300,882	\$306,900	\$313,038	\$319,299	\$325,685
Reimbursements	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558	\$7,667,558
Installation Tap	\$40,000	\$40,800	\$41,616	\$42,448	\$43,297	\$44,163	\$45,046	\$45,947	\$46,866	\$47,804	\$48,760
Rental Revenue	\$13,968	\$14,247	\$14,532	\$14,823	\$15,119	\$15,422	\$15,730	\$16,045	\$16,366	\$16,693	\$17,027
Other Revenue	\$79,397	\$81,054	\$82,744	\$84,467	\$86,226	\$88,019	\$89,848	\$91,714	\$93,617	\$95,558	\$97,538
Total Other Revenue	\$8,163,391	\$8,173,376	\$8,183,561	\$8,193,950	\$8,204,547	\$8,215,356	\$8,226,381	\$8,237,626	\$8,249,096	\$8,260,796	\$8,272,729
Total Revenue	\$39,381,771	\$39,687,631	\$41,234,232	\$42,533,246	\$44,015,182	\$45,570,748	\$46,841,061	\$48,103,741	\$48,956,374	\$49,828,252	\$50,719,868

Operating Expenditures	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Administration	\$1,645,687	\$1,934,396	\$1,983,556	\$2,034,019	\$2,085,821	\$2,138,998	\$2,193,589	\$2,249,633	\$2,307,168	\$2,366,237	\$2,426,880
Dry Creek WWTP	\$7,544,654	\$8,342,045	\$8,791,929	\$9,137,044	\$9,498,005	\$9,875,630	\$10,232,321	\$10,603,194	\$10,988,854	\$11,389,935	\$11,807,098
EU - Maintenance	\$1,545,760	\$1,739,358	\$1,927,390	\$1,969,978	\$2,013,630	\$2,058,374	\$2,104,239	\$2,151,253	\$2,199,447	\$2,248,851	\$2,299,497
Industrial Treatment	\$238,021	\$229,445	\$234,874	\$240,438	\$246,142	\$251,988	\$257,980	\$264,122	\$270,418	\$276,872	\$283,487
Environmental Treatment Lab	\$611,675	\$692,097	\$711,286	\$731,038	\$751,368	\$772,294	\$793,833	\$816,004	\$838,825	\$862,315	\$886,495
Pleasant Grove WWTP	\$6,771,727	\$6,929,822	\$7,352,642	\$7,632,701	\$7,925,328	\$8,231,160	\$8,521,226	\$8,822,603	\$9,135,769	\$9,461,221	\$9,799,478
Wastewater Collection	\$5,572,564	\$6,312,604	\$6,452,224	\$6,629,384	\$6,783,678	\$7,168,189	\$7,334,489	\$7,505,068	\$7,680,045	\$7,859,545	\$8,043,695
Recycled Water	\$555,692	\$670,459	\$691,892	\$714,098	\$737,110	\$760,959	\$785,680	\$811,308	\$837,879	\$865,432	\$894,007
Wastewater-Outreach	\$152,000	\$260,000	\$267,800	\$275,834	\$284,109	\$292,632	\$301,411	\$310,454	\$319,767	\$329,360	\$339,241
Central Service / Transfers	\$5,315,958	\$5,387,296	\$5,572,387	\$5,739,559	\$5,916,485	\$6,093,979	\$6,276,798	\$6,465,102	\$6,659,056	\$6,858,827	\$7,064,592
Total Operating Expenditures	\$29,953,738	\$32,497,523	\$33,985,981	\$35,104,094	\$36,241,676	\$37,644,204	\$38,801,567	\$39,998,740	\$41,237,227	\$42,518,594	\$43,844,473

Net Cashflow	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Net Cashflow (before transfers)	\$9,428,034	\$8,486,098	\$8,829,113	\$9,061,559	\$9,328,499	\$9,386,621	\$9,369,728	\$9,347,129	\$8,918,931	\$8,464,059	\$7,981,206
Wastewater Enterprise Transfers											
Transfers (to)/from Wastewater Rate Stabilization Fund	(\$1,250,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Wastewater Rehabilitation Fund	(\$8,010,979)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Wastewater Enterprise Transfers	(\$9,260,979)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other City Dept Transfers											
Transfers (to)/from Water Operations Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Water Rehabilitation Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfers (to)/from Solid Waste Operations Fund	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Other City Dept Transfers	(\$2,000,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Cashflow (after direct transfers)	(\$1,832,945)	\$8,486,098	\$8,829,113	\$9,061,559	\$9,328,499	\$9,386,621	\$9,369,728	\$9,347,129	\$8,918,931	\$8,464,059	\$7,981,206



CONSULTING GROUP, INC.

RESOURCES • RESPECT • RESPONSIBILITY

FINAL REPORT

**Solid Waste Fund 10-Year Financial
Plan and 5-Year Rate Model**



FINAL REPORT SUBMITTED TO:

City of Roseville

March 13, 2019

Report Submitted Digitally as PDF



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March 13, 2019

Ms. Shelly Tilley
Refuse Superintendent
Roseville Refuse & Stormwater Division
2005 Hilltop Circle
Roseville, CA 95747

Subject: City of Roseville Solid Waste Fund 10-Year Financial Plan and 5-Year Rate Model Final Report

Dear Ms. Tilley:

R3 Consulting Group, Inc. (R3) is pleased to submit the attached final report for the City of Roseville's 10-Year Financial Plan and 5-Year Rate Model. This report details our methodology, analysis, and recommendations for maintaining the financial health of the City's Solid Waste Funds and continuing to offer quality refuse and materials recovery service to citizens.

Highlights of the report include the following recommendations: redistributing surplus from the Solid Waste Operations Fund to better utilize Reserve Funds and maintain healthy account balances, implementing a rate increase of 5% each year for the next 4 years (FY19/20 - FY22/23) followed by lower increases in out years; and transitioning commercial garbage and recycling rates to a new rate structure which is more reflective of the cost of operating services.

R3 has worked closely with City of Roseville staff to address needs specific to the systems the City operates and to establish recommendations that can be implemented to best serve the Roseville community. We appreciate the opportunity to submit our final report to the City of Roseville. Should you have any questions regarding our work or need any additional information please contact me by phone at (510) 647-9674 or by email at slarock@r3cgi.com.

Sincerely,

R3 CONSULTING GROUP

Sarah LaRock | Project Manager

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- 2 10-Year Financial Plan Detail
- 3 10-Year Financial Plan Escalation Factors
- 4 5-Year Rate Model Rate Sheets
- 5 5-Year Rate Model Commercial and Recycling Rates
- 6 Commercial and Recycling Rate Structure Analysis

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Section 1 | 10-Year Financial Plan

Background on Roseville's Solid Waste Funds

The City of Roseville (City) engaged R3 Consulting Group (R3) to assist in developing a 10-Year Financial Plan encompassing the City's four Solid Waste Funds, and to recommend customer rate adjustments for the next five years (FY 18/19 through FY 22/23) that will keep each fund appropriately balanced. The four Solid Waste Funds are listed below along with an explanation of the functions they serve.

- **Fund 460** – Solid Waste Operations Fund (Solid Waste Operations Fund): collects revenues through rates ("Utility Sales") to provide for the City's solid waste collection, processing, and disposal services.
- **Fund 462** – Solid Waste Capital Purchase Fund (Capital Purchase Fund): accumulates revenue through a Solid Waste Impact Fee charged to developers of new properties to pay for the relative cost of implementing new routes to serve City's the growing population.
- **Fund 463** – Solid Waste Rehabilitation Fund (Rehabilitation Fund): financed predominantly through contributions from the Solid Waste Operations Fund to account for the purchase of solid waste related equipment (eg. carts, containers, technology, etc.).
- **Fund 464** – Solid Waste Rate Stabilization Fund (Rate Stabilization Fund): supported by contributions from the Solid Waste Operations Fund to serve as a contingency reserve utilized to prevent rate spikes.

Methodology

The 10-Year Financial Plan was built using source data and input provided by the City and expanded upon through the addition of an interactive dashboard provided by Raftelis (the City's prime consultant for this project). R3 used the following steps to construct the Plan which is included in this document as Attachment 1 (10-Year Financial Plan Summary) and Attachment 2 (10-Year Financial Plan Detail):

- Aligned 5-Years of historic detailed budget actuals (FY13/14 – FY 17/18) by year, fund, line item, and category subtotal;
- Applied current FY18/19 projected operating budget adjusted to tie to FY18/19 Fund Summary:
 - Added expense line items for transfers to different funds; and
 - Added expense line items to account for EU costs/Reimbursed costs.
- Further adjusted FY18/19 operating budget to account for City approved R3 recommendations:
 - Removed Contingency Fund expense; and



Section 1

10-Year
Financial Plan

- Removed Recycling Revenue.
- Increased FY18/19 “Utility Sales” revenue by 2% from FY17/18 figure to account for the 2018 rate increase;
- Changed the FY18/19 Solid Waste Operations starting fund balance from \$15,352,916 (per fund summary) to \$19,597,572 (FY17/18 end year actual) per City direction;
- Used escalation factors provided by the City to project expense/revenue increases over time as shown in Attachment 3 (10-Year Financial Plan Escalation Factors):
 - 2% - Salaries & Benefits, 2.5% - Disposal Tip Fees, 3% - General Expenses, etc.;
 - Color coded to identify which line items increase at what percentage annually; and
 - Adjusted escalation factors for specific years per City direction.
- Adjusted individual line items in specific years for known future expenses at City direction (e.g. landfill tip fee increases, salaries where new positions will be created);
- Worked with Raftelis to add dashboard that allows City to preview different financial scenarios;
- Established inter-fund transfers between Solid Waste Operations and Rate Stabilization ensuring that:
 - 10% of the following year’s operating expenses are held in the Solid Waste Operations Fund; and
 - 15% of the following year’s operating expenses are held in the Rate Stabilization Fund.
- Established inter-fund transfers between Solid Waste Operations and Rehabilitation to cover expected yearly equipment costs; and
- Assessed and determined optimal necessary rate increases over a ten-year period.

Current Conditions and Relevant Recommendations

Solid Waste Operations Fund Revenues

The Solid Waste Operations Fund receives revenue primarily from rates charged to the City’s residents and businesses. Revenue is also generated through growth of interest on investments, transfers from other funds, fees, and historically, from the sale of recycled materials.

While past budgets have projected yearly recycling revenues bringing in between \$200,000-\$400,00 per year, changes in market conditions have made this revenue stream unreliable as most recycling facilities have failed to cover their costs from the sale of material this year like they had in the past. Due to this change, R3 has recommended the City not project income from recycling revenues for the next several years and, because the market is difficult to anticipate many years out. Additionally, the Solid Waste Operations Fund received \$4 million in contributions from the Water and Waste Water Funds in FY18/19 earmarked for the purchase of land to accommodate a new corps yard for the Environmental Utilities Department. This revenue is acknowledged in the Net Cashflow section (lines 481-495 of

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Attachment 2) of the 10-Year Financial Plan but is not considered part of the operational budget and is not projected as potential income for subsequent years.

Reserve Fund Balances

The Solid Waste Rehabilitation and Rate Stabilization Funds rely primarily on transfers from the Solid Waste Operations Fund for revenue aside from what is gained through interest on investment. The fund balance for Rehabilitation currently stands at a surplus healthy enough to accommodate the FY18/19 budgeted expenditures (\$734,753), which are slightly more than twice the revenues earmarked for contribution to the fund in the same year (\$325,000). While this circumstance is appropriate for the current year, the City will need to stay within the fund's budgeted revenues moving forward. Because the Solid Waste Operations Fund has been healthy in recent years there has not been a need to contribute largely to the Rate Stabilization Fund. Considering the current position of the Solid Waste Operations Fund discussed below, it would be prudent for the City to increase its contributions to the Rate Stabilization Fund such that it is financed to maintain reserves at 15% of the next year's operating budget.

Considering this analysis, R3 has expressed the following recommendations within the 10-Year Financial Plan:

- Solid Waste Rehabilitation:
 - Budget \$325,000 annually, escalating at 3% each year in the Solid Waste Operations budget to ensure funds are available for the purchase of Rehabilitation equipment; and
 - Limit expenditures in following years to stay within the combined revenues from interest on investment and transfers from the Solid Waste Operations Fund.
- Solid Waste Rate Stabilization:
 - Budget \$100,000 annually, escalating at 3% each year in the Solid Waste Operations budget to ensure revenue for Rate Stabilization; and
 - Move \$1,908,032 of existing surplus from the Solid Waste Operations Fund to store reserves at 15% operating budget in Rate Stabilization.

Finally, the Solid Waste Capital Purchase Fund's revenue generating Development Impact Fee has not been updated in several years. Since its initiation in FY05/06, CPI for related materials have increased by 20-30%, and the cost to purchase vehicles has increased over 50%. These increases and a recommended rate adjustment for this fee are discussed below in Section 2.

Solid Waste Operating Expenses and Solid Waste Operations Fund Balance

Solid Waste Operations Fund expenses have grown by over 35% in the past two years: 23.4% between FY16/17 - FY17/18, and 14.1% between FY17/18 - FY18/19. The first increase was largely due to Pension Expenses and the introduction of Reimbursed Costs. Pension Expenses did not carry over to the following year, but Reimbursed Costs continued to grow along with the cost of Residential and Commercial Solid Waste Pickup service and significant increases in tip fees for waste disposal.

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Section 1

10-Year
Financial Plan

In years previous to FY17/18 the Fund had been generating revenue surpluses of 30-40% of operating expenses (\$5.3 million to over \$6 million). The expense increases in FY17/18 were met by a 2% rate increase which considerably tightened the margin for surplus to 10% (\$2.25 million). Due to this sudden change, the 2% rate increase provided for in FY18/19 is not currently projected to accommodate the 14% rise in expenses. The current budget figures indicate an annual structural deficit of approximately \$700,000. It is important to recognize that this projection is based on budget estimates that may not be expended and revenues that have been conservatively predicted. Considering this, end of year actuals still have the potential to break even or bring in a surplus.

Outside of this structural deficit in the Solid Waste Operations budget for FY18/19, the Environmental Utilities Department plans to spend down \$8 million (in addition to the \$4 million passing through the Fund from Water/Waste Water) of the cumulative Fund balance in contributions to the purchase of land for development of the City' yard.

Due to conservative planning in previous years, the overall starting balance for the Solid Waste Operations Fund in FY18/19 (\$19,597,572) is more than sufficient to cover the possible deficit and \$8 million commitment. After all transfers and expenditures, the cumulative balance for the Fund at the end of FY18/19 is projected to land at over \$9.25 million, well above the established reserve target of 10%.

Having established the conditions discussed above, R3 structured its 5-Year Rate Model to be responsive to the current and projected needs expressed within the 10-Year Financial Plan.

Section 2 | 5-Year Rate Model

Background on Rate Setting

To fund solid waste collection services throughout their communities, jurisdictions use a range of rate structures. In California, variable can rates are common. The term “variable can rate” (or “pay-as-you-throw”) refers to the structuring of garbage collection rates so that different sized containers are charged different rates. Alternatively, a “flat rate” refers to pricing that is the same regardless of the volume serviced (e.g., the cost for a 64-gallon container is the same as a 90-gallon container).

There are four general types of variable can rate pricing structures:

1. **Regressive:** The per-unit¹ rate for servicing containers decreases as container size increases.
2. **Volume-based:** The per-unit rate is the same for all container sizes.
3. **Progressive:** The per-unit rate increases as the container size increases.
4. **Cost of Service:** The per-unit rate is set based on the actual cost to service the different container sizes.

The objectives of offering variable can rates are often to provide economic incentive for residential and commercial waste generators to increase participation in recycling and/or to decrease the frequency of their refuse collection service.

While variable can rates have supported diversion efforts by providing a financial incentive to reduce solid waste volumes and service level, they have also resulted in the need to periodically increase solid waste rates to account for the lost revenue associated with the “migration” of accounts from larger (higher revenue generating) to smaller (lower revenue generating) weekly service volumes or from more to less frequent collection. Via this 5-year rate model R3 proposes revisions to the City’s commercial rates to align rates with the cost of providing commercial solid waste services.

Projected Rate Increases

As with the current budget year, expense increases are projected to continue to increase at levels higher than the City has experienced historically. These increases are largely driven by tight labor markets for commercial truck drivers and rising tip fees levied to fund new organics processing infrastructure. Revenue is also expected to decrease due to the loss of income from recycling markets, which is affecting solid waste operations throughout California and the United States. To accommodate these changing factors, R3 worked closely with City staff to determine that a steady rate increase of 5% per year through FY22/23 (four years) would enable the City to adequately maintain its quality of service, while providing for sufficient reserves in the event that unknown expenses (or decreases in revenues) arise in the future. In

¹ Referencing volumetric units, usually measured in gallons or cubic yards (e.g., per-gallon cost).

Section 2

5-Year Rate
Model

the coming years (FY23/24 – FY27/28) expenses are expected to level off, reducing the necessary rate increases to between 2% and 3.5% per year.

As shown in Table 1 below, although the 5% rate increases in the next four years are higher than recent annual rate adjustments, the yearly operational fund balance maintains a slight deficit for every year through FY23/24. Because the City has budgeted conservatively in the past, the cumulative fund balance can cover these projected shortfalls so that rate increases can be minimized and still provide for the necessary expenses.

Table 1:
Recommended Solid Waste Rate Adjustments and Related Fund Impacts

Solid Waste Operations Fund 460	Budgeted	Forecast								
	2018-2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027	2027 - 2028
Recommended Rate Adjustment	2.00%	5.00%	5.00%	5.00%	5.00%	2.00%	3.50%	3.00%	3.00%	2.00%
Yearly Budget Surplus/Deficit	-\$707,333	-\$803,980	-\$1,410,413	-\$784,230	-\$107,070	-\$267,810	\$16,040	\$161,170	\$315,810	\$149,850
Cumulative End Year Fund Balance	\$9,268,005	\$8,499,839	\$7,245,319	\$6,598,153	\$6,621,976	\$6,483,927	\$6,629,806	\$6,925,184	\$7,382,656	\$7,681,657

Residential Rates

Current Rate Structure Analysis

The City charges a single base rate (flat rate) of \$24.35 per month for weekly solid waste and green waste collection of up to 90-gallons each. Smaller 60-gallon carts are available for the same base rates. Charges apply for additional green waste (\$8.84) and refuse containers (\$16.65). The full residential charges can be found in Attachment 4 (5-Year Rate Model Rate Sheets). While many jurisdictions employ variable can rates to incentivize diversion through source separated recycling, the City of Roseville has pre-empted the need for this approach by providing one cart for garbage and recycling to accommodate the residential waste stream which is then processed at the Western Placer Waste Management Authority's Material Recovery Facility (MRF).

Recommendations

R3 does not suggest changes to the residential rate structure at this time. While the City could consider establishing some cost differential between 60-gallon and 90-gallon service (i.e., a 10% differential intended to reflect variation in potential disposal charges and other minor service expenses), there are associated costs in administering the transition (e.g., cart inventory, billing management, and migration). Based on our evaluation, we find the current residential structure to be appropriate and in keeping with the cost of providing residential solid waste services.

R3

Commercial Rates

Section 2

Current Rate Structure Analysis

Of the variable can rates discussed above, the City presently charges a volume-based rate for commercial collection service, wherein the rates paid by customers are established according to the weekly service volume. This structure provides no financial incentive for businesses to reduce their service frequency by switching to larger containers because they pay the same rate for a 1-yard dumpster serviced four times per week (4 weekly cubic yards of service) as they would pay for a 4-yard dumpster serviced once per week (also 4 weekly cubic yards of service). Although the rates for these services are the same for the ratepayer, it costs the city significantly more to service an account four times per week than one time per week. It also increases vehicle traffic and reduces solid waste collection system efficiency.

The City's commercial rates are based on a flat rate of \$9.99 per cubic yard which is applied per week and charged per month (at \$43.29 per month per cubic yard).² As shown in Table 2, this flat amount is multiplied by the service frequency and the container size to achieve the different rates relevant to various weekly service volumes. The colored cells highlight some examples of rates that are the same despite differences in frequency and cost to the City.

Table 2:
Current Monthly Commercial Rates

Current		Frequency (times/week)						
		1	2	3	4	5	6	7
Bin Size (cubic yds)	1.0	\$ 43.29	\$ 86.58	\$ 129.87	\$ 173.16	\$ 216.45	\$ 259.74	\$ 303.03
	1.5	\$ 64.94	\$ 129.87	\$ 194.81	\$ 259.74	\$ 324.68	\$ 389.61	\$ 454.55
	2.0	\$ 86.58	\$ 173.16	\$ 259.74	\$ 346.32	\$ 432.90	\$ 519.48	\$ 606.06
	3.0	\$ 129.87	\$ 259.74	\$ 389.61	\$ 519.48	\$ 649.35	\$ 779.22	\$ 909.09
	4.0	\$ 173.16	\$ 346.32	\$ 519.48	\$ 692.64	\$ 865.80	\$ 1,038.96	\$ 1,212.12
	5.0	\$ 216.45	\$ 432.90	\$ 649.35	\$ 865.80	\$ 1,082.25	\$ 1,298.70	\$ 1,515.15
	6.0	\$ 259.74	\$ 519.48	\$ 779.22	\$ 1,038.96	\$ 1,298.70	\$ 1,558.44	\$ 1,818.18
	8.0	\$ 346.32	\$ 692.64	\$ 1,038.96	\$ 1,385.28	\$ 1,731.60	\$ 2,077.92	\$ 2,424.24

Recommendations

R3 recommends that the City move its commercial rate structure toward a model where frequency and container sizes are factored into the rates based on their respective share of the operations and maintenance costs rather than their impact on determining cost based on weekly service volume. This would increase the City's efficiency, ensure that rates are in-keeping with the cost of providing services, and could also result in fewer vehicle trips. R3's recommendations for commercial rates can be found in Attachment 5 (5-Year Rate Model Commercial and Recycling Rates).

Below, R3 has provided an alternative rate structure for commercial solid waste collection which incentivizes commercial rate payers to move from high frequency pickup with smaller bins to lower frequency pickup with larger bins. This structure has been designed to produce 5% higher annual revenue than FY19/20 rates at the current subscription levels to account for

² \$9.99 x 52 weeks = \$519.48 / 12 months = \$43.29.

5-Year Rate Model

R3

Section 2

5-Year Rate
Model

the recommended 5% rate increase in FY20/21. This target was then adjusted to account for potential loss of revenue due to the effects of subscriber migration towards less expensive service levels so that, if up to 50% of current subscribers migrate, revenues will still meet the targeted 5% increase.

Table 3:
R3 Proposed Monthly Commercial Rates

R3 Proposed		Frequency (times/week)						
		1	2	3	4	5	6	7
Bin Size (cubic yds)	1.0	\$ 67.69	\$ 184.22	\$ 321.18	\$ 468.61	\$ 622.13	\$ 779.49	\$ 939.44
	1.5	\$ 78.41	\$ 216.79	\$ 380.24	\$ 556.56	\$ 740.35	\$ 928.86	\$ 1,120.55
	2.0	\$ 89.13	\$ 249.35	\$ 439.31	\$ 644.51	\$ 858.57	\$ 1,078.23	\$ 1,301.65
	3.0	\$ 110.57	\$ 314.48	\$ 557.43	\$ 820.41	\$ 1,095.01	\$ 1,376.97	\$ 1,663.87
	4.0	\$ 132.01	\$ 379.61	\$ 675.56	\$ 996.31	\$ 1,331.45	\$ 1,675.70	\$ 2,026.08
	5.0	\$ 153.45	\$ 444.74	\$ 793.69	\$ 1,172.21	\$ 1,567.90	\$ 1,974.44	\$ 2,388.29
	6.0	\$ 174.89	\$ 509.87	\$ 911.82	\$ 1,348.11	\$ 1,804.34	\$ 2,273.18	\$ 2,750.50
	8.0	\$ 217.77	\$ 640.13	\$ 1,148.08	\$ 1,699.90	\$ 2,277.22	\$ 2,870.66	\$ 3,474.93

Appropriate to the intent of the recommended transition, the proposed structure offers rate decreases to all accounts serviced once per week (exclusive of 4 accounts with 1.5-yard container service which the City has advised will be discontinued when these rates would go into effect) and incrementally larger rate increases to accounts serviced multiple times per week. As shown in Table 4 below, when analyzed to predict the impact on subscribers at their current service levels, this structure offers decreases to 44% and increases to 56% of all accounts respectively. Due to their use of the smallest containers serviced at the highest frequency, 5% of all current accounts would receive a significant rate increase of 50%-90%. These subscribers, in addition to any other account that would be subject to a rate increase under this structure, can decrease their rate by switching to larger bins serviced less frequently.

As the increases for this small percentage of subscribers is so highly impactful, and the number of subscribers at this level (97) is manageable for targeted outreach, it would be in the City's interest to advise highly impacted subscribers about the upcoming change in rate structure so that they can prepare to make decisions about their service level. The City may need time to perform this outreach comprehensively and, as such, would benefit from waiting a year to implement changes to the current rate structure.

Table 4:
Impact of R3 Proposed Commercial Rates on Current Subscribers

Impact on Current Subscribers	# Accounts	% Total Accounts	Increase v Decrease
Accounts receiving >50% increase	97	5%	56%
Accounts receiving 25%-50% increase	238	12%	
Accounts receiving <25% increase	755	39%	
Accounts receiving rate decrease	862	44%	44%

Further detail regarding this analysis can be found in the Attachment 6 (Commercial and Recycling Rate Structure Analysis).

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Commercial Cardboard Rates

Current Rate Structure Analysis

Unlike the mixed material service offered for residential recycling, the City provides some source separated recycling service to its commercial accounts in order to collect (and historically, to bring in revenue from) the sale of “clean” cardboard. Traditionally, this service earned between \$200,000 to \$400,000 in revenue annually which could be used to offset the cost of service.

As with most jurisdictions, this offset enabled the City to keep charges for recycling collection considerably lower than the charges for garbage service. Currently, the City structures its recycling rates according to the same volume-based formula as discussed above for commercial garbage rates but, due to the unique revenue offset, applies the recycling charge as only 31% of what they charge for garbage. As mentioned in Section 1, recycling markets are not able to produce the revenue once realized, a fact that has caused recycling rates to increase drastically throughout the state and nation. Taking this lost revenue into account, R3 has worked with the City to establish a new recycling rate based on the new commercial rates discussed above.

Recommendations

While the City anticipates that it can no longer rely on revenues to offset the cost of collecting recyclables, it is also confident that it will not incur a cost to process its clean commercial cardboard. Considering these conditions, the City can expect the cost of recycling service to be the same as the cost of providing garbage service without the cost of disposal (landfill tipping fee). Given that disposal makes up 32% of the City’s overall service expense, it can be determined that recycling service costs 68% of garbage service. R3’s recommendations for commercial recycling rates can be found in Attachment 5 (5-Year Rate Model Commercial and Recycling Rates).

To provide an updated rate and rate structure for recycling services, R3 applied 68% to the cost per cubic yard (\$9.99) from which the commercial structure was derived, yielding the same structure based on \$6.79 as the cost per cubic yard for recycling service. The results, as seen in Tables 5 and 6 are similar to the transition proposed for commercial rates. Of course, because subscription levels for recycling are much lower than subscription levels for garbage, only 17 accounts would receive significant increases (over 50%) to their rates, and like with the proposed commercial structure, can mitigate the extra cost by switching to larger bins serviced less frequently.

Section 2

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Model

Table 5:
R3 Proposed Commercial Cardboard Recycling Rates

R3 Proposed Recycling		Frequency (times/week)						
		1	2	3	4	5	6	7
Bin Size (cubic yds)	1.0	\$ 21.03	\$ 57.23	\$ 99.78	\$ 145.58	\$ 193.27	\$ 242.16	\$ 291.85
	1.5	\$ 24.36	\$ 67.35	\$ 118.13	\$ 172.90	\$ 230.00	\$ 288.56	\$ 348.11
	2.0	\$ 27.69	\$ 77.46	\$ 136.48	\$ 200.23	\$ 266.73	\$ 334.97	\$ 404.38
	3.0	\$ 34.35	\$ 97.70	\$ 173.18	\$ 254.87	\$ 340.18	\$ 427.78	\$ 516.91
	4.0	\$ 41.01	\$ 117.93	\$ 209.87	\$ 309.52	\$ 413.64	\$ 520.58	\$ 629.43
	5.0	\$ 47.67	\$ 138.17	\$ 246.57	\$ 364.16	\$ 487.09	\$ 613.39	\$ 741.96
	6.0	\$ 54.33	\$ 158.40	\$ 283.27	\$ 418.81	\$ 560.55	\$ 706.20	\$ 854.49
	8.0	\$ 67.65	\$ 198.87	\$ 356.67	\$ 528.10	\$ 707.45	\$ 891.81	\$ 1,079.54

Table 6:
Impact of Proposed Commercial Cardboard Recycling Rates on Current Subscribers

Impact on Current Subscribers	# of Accounts	% Total Accounts	Increase v Decrease
Accounts receiving >50% increase	17	4%	55%
Accounts receiving 25%-50% increase	97	25%	
Accounts receiving <25% increase	98	25%	
Accounts receiving rate decrease	174	45%	45%

Further detail regarding this analysis can be found in the Attachment 6.

Organics Rates

The City has expressed satisfaction with its current organics rates and rate structures for both residential and commercial organics recovery services. While R3 does not recommend changes to the organics rates at this time, the City should consider the impending impact of State imposed requirements for organics collection and food recovery.

Under SB 1383, as currently drafted, the City will be required to take steps to recover edible food from its commercial waste stream (e.g. grocery stores, restaurants), and have that food distributed to those in need. SB 1383 food recovery is a waste management operation and has a cost. As such, some level of SB 1383 food recovery funding through the commercial organics rate structure is reasonable (e.g., an SB 1383 Tier 1 and Tier 2 covered generator - food recovery rate component). R3 suggests that the City consider potential funding options for SB 1383 food recovery operations as it expands its commercial organics collection system, and that it integrate SB 1383 food recovery generator identification, outreach, education and technical assistance into its commercial organics collection program in anticipation of the regulation which will begin implementation in 2022.

Shared Compactor Rates

Current Rate Structure Analysis

In addition to regular 2 to 8-yard commercial bin service, the City offers commercial garbage collection to customers located at three sites serviced through high capacity compactors which are shared by different businesses. The different businesses are charged a fee for this service at different levels determined by the square footage of their facility. Currently, customers at

the lowest Tier pay as little as \$2.85 per month for their garbage service. The City has expressed concern that the cost of providing service to these customers is not reflected in their respective rates and has developed a proposed minimum service charge of \$27.31 to account for this discrepancy. Additionally, because the high Tier (Tiers 2 and 3) customers produce much more organic waste than the lowest Tier (Tier 1), the rates for shared organics collection similarly need to be made reflective of the associated costs.

R3's analysis of the cost of servicing the compactors has revealed that revenues for this line of business have been falling short of expenses by about 45%. R3 agrees with City staff that adjustments must be made to address this shortfall.

Recommendations

In alignment with the City's intent, R3 recommends the application of the \$27.31 minimum charge for garbage service be applied to Tier 1 generators using the shared compactors. Because Tier 1 generators produce a negligible amount of organic waste, the cost impact of providing them this service is not significant enough to charge a minimum rate for organics. Relatively, as Tier 3 generators produce significantly more organic waste than Tier 2 generators, rates should be reflective of this difference. Therefore, R3 recommends that Tier 2 generators be charged half (\$78.03) what Tier 3 generators are charged (\$156.01) for their organics service. Detailed analysis calculating the revenue impact of implementing these adjustments in addition to the 5% escalation to each rate reflective of the proposed FY19/20 increase, indicates that they will yield revenue sufficient to cover the cost of operating this service.

Solid Waste Impact Development Fees

Current Rate Analysis

The City of Roseville charges developers residential and commercial Solid Waste Impact Fees which finance the City's Solid Waste Capital Purchase Fund. The current Impact Fees were established based on a 2006 rate study conducted by R3. Those fees are intended to pay for the cost of solid waste collection capital expenses associated with each new residential and commercial property (i.e., vehicles, carts, and containers) and are held in the Solid Waste Capital Purchase Fund.

The factors considered in developing these fees were the type of container used to store solid waste at the property, and the type of vehicle used to collect solid waste from the property. Based on these factors, single family units, which use plastic carts for storage and side load vehicles for collection, were segregated into one class, and multi-family and commercial units, which use metal bins for storage and front-end load vehicles for collection, were combined into a second class. The residential (single family homes and duplexes), and multi-family impact fees were calculated and set on a per unit basis, and the commercial/industrial impact fees were set on a square footage basis, as follows:

- | | |
|----------------------------------|---------------------------------------|
| ▪ Single-family and duplex units | \$419 per single family dwelling unit |
| ▪ Multi-family units | \$139 per multi family unit |



Section 2

5-Year Rate
Model

- Commercial/Industrial developments \$0.34 per square foot (ft²)

Recommendations

Since these fees were calculated in 2006 the cost of collection vehicles, residential carts and commercial containers have all increased. Reliable units of measure to estimate the increases in these costs between 2006 and 2017 can be found in the following indices:

- The San Francisco Consumer Price Index increased by 31%
- The Motor Vehicle Body Manufacturing Producer Price Index increased 20%

In accordance with the above indices, it would be appropriate for the City to increase its Solid Waste Impact Development Fees by at least 20% from the 2006 level. R3 recommends implementing these increases incrementally over time to achieve the necessary fund revenue while working to moderate rate shock to the consumer.

Special Services Rates

In addition to the adjustments discussed above, the City has requested that R3 recommend rates for special services provided to customers on an as-needed basis. These special charges include: green waste contamination fees, return trip charges, hazardous material collection charges (for residential accounts), a rear loader service premium, push/pull charges, standby charges for roll-off service, and more.

R3

Customer Outreach & Schedule

- Meetings with City Council and PUC (February-March)
- Meetings with largest customers (February-March)
- RCONA, Chamber, Downtown Merchants, Sun City, others as requested (February-April)
- Training for customer service staff (March)
- Proposition 218 notices to all customers (40,000+) (March-April, 45 day notice)
- Two public workshops:
 - Thursday, March 12 (6:00-7:30 p.m.) at Riley Library
 - Tuesday, March 14 (6:00-7:30 p.m.) at Maidu Community Center
- Media: EU Today, City's website, social media (February-June)
- PUC for recommendation to City Council (April 23)
- Consideration by City Council (May 1)

CUSTOMER NOTIFICATION OF TWO-YEAR RATE INCREASES

PROPOSITION 218

NOTIFICATION TO PROPERTY OWNERS OF PUBLIC HEARING ON
PROPOSED WATER, WASTEWATER, AND SOLID WASTE RATE INCREASES.

NOTICE IS HEREBY GIVEN that the City of Roseville will hold a public hearing on Wednesday, May 1st, 2019 at 7:00 p.m. in the City Council Chambers at 311 Vernon Street, Roseville, California, to consider adoption of proposed increases to rates for water, wastewater, and solid waste utility services. Reasons for the proposed rate increases, and instructions for protesting the rate increases are described in more detail below.

PROPOSITION 218 AND PUBLIC HEARING

In 1996 California voters approved Proposition 218, which amended the state constitution relating to passage of property related fees. Proposition 218 requires the City to inform property owners and rate payers that 1) proposed rate increases are being considered; 2) clearly demonstrate the basis on which the rates are calculated; and 3) hold a public hearing at least 45 days after public notification. Utility rate increases are subject to majority protest. Any protests must: 1) be in writing; 2) state which utility service rate adjustment(s) the identified property owner or tenant is protesting; 3) provide the location of the identified parcel (by street address or Assessor's Parcel number); and 4) include the name and signature of the property owner or tenant submitting the written protest. Only one written protest will be counted per identified parcel.

Written protests may be hand delivered or mailed to the City of Roseville City Clerk, 311 Vernon Street, Roseville CA 95678 on or before the public hearing date, or in person at the public hearing on the date and time specified above. To be counted, all written protests must be received prior to the conclusion of the public comment portion of the public hearing. Any protests submitted via e-mail or other electronic means will not be accepted as a qualified formal protest, unless it is a scanned copy of a protest letter containing the signature of the author of such letter. Please identify on the front of the envelope, whether mailed or submitted in person, Attn: City Clerk – Public Hearing on Proposed Utility Rate Increases

The City Council will hear public comments and consider the written protests regarding the rate increases to the City's water, wastewater, and solid waste fees at the public hearing. Oral comments at the public hearing will not qualify as formal protests unless accompanied by a proper, written protest. Upon the conclusion of the public hearing, the City Council will consider adoption of the increases in the rates for utility fees as described in this notice. If a majority of the affected property owners and tenants file written protests, the proposed increases will not be imposed.

WHAT DO WATER, WASTEWATER, AND SOLID WASTE RATES FUND?

The City provides water, wastewater (sewer), and solid waste (refuse) service to over 43,000 customers (residential and commercial). The City Charter requires all the City's utilities to be financially self-sufficient. Monthly rates paid by customers are the primary source of revenue. Revenue is not used for other general government purposes. Revenue is used solely to fund operational costs of the utilities, such as purchasing raw water, energy, chemicals, rehabilitation and replacement of infrastructure, maintenance, regulatory compliance, and salaries.

For more information about water, wastewater, and solid waste rates and services, please call (916) 774-5300.

PROPOSED CHANGES TO WATER, WASTEWATER AND SOLID WASTE RATES:

Utility rates are calculated based on the cost to provide services. The City hired Raftelis and R3, independent rate consultants, to update the City's utility rates. Based on the findings and recommendations of the rate study, an increase in the rates is necessary to recover sufficient revenues to operate and maintain the water, wastewater, and solid waste utilities. The proposed rate increases are needed due to the increasing operational costs of maintenance, technology, rehabilitation, labor, energy, fuel, chemicals, regulatory compliance, and to maintain prudent financial reserves.

For additional details on the cost of service and rate structuring, please call (916) 746-1781. If approved, rate increases would become effective on July 5, 2019 and subsequently July 1, 2020. The proposed rates are the maximum that may be implemented without the City providing additional notification to property owners and customers.

An example of the impact to utility bills for a typical single-family home is shown in Table 1: Proposed Rate Increases 2019-2021 - Impact on Typical Residential Customer.



LONG-RANGE UTILITY PLANNING HELPS ROSEVILLE BOTH NOW AND INTO THE FUTURE

When you turn the tap for water, flush your toilet, or pull the garbage can out for pick-up, these essential utility services started with a thoughtful plan years ago to identify system requirements and funding needs to keep those services going. A key component of maintaining service reliability is Environmental Utilities' long-range utility planning. This effort ensures that current infrastructure remains well-kept and we grow that same system over time to handle future service demands.

Environmental Utilities runs a major multi-million dollar capital improvement and utility rehabilitation program – a compilation of infrastructure and major maintenance projects designed to enhance, expand, and preserve the infrastructure so that you receive reliable utility services daily.

In any given year, Environmental Utilities manages dozens of projects, which includes planning studies, condition assessments, and engineering design. Staff also constructs new facilities and rehabilitates or replaces infrastructure across all three utility services.

Staff prioritizes these projects based on meeting public safety objectives, preventing extensive and costly maintenance requirements, replacing infrastructure that has gone beyond its useful life, and refurbishing or improving utility systems to maintain reliable services. This proactive approach keeps the integrity of Roseville's utility systems high and your utility rates low.

HOW WE FUND PROJECTS

Environmental Utilities fund these projects using a variety of sources, including:

- A portion of your monthly utility bill for rehabilitation of existing infrastructure
- Developer impact fees that increase capacity for new development and new service demands
- Grants and long-term debt financing to either offset other funding sources or finance large improvement projects over time

By planning and budgeting for these long-term projects over a 10 year horizon, we can create a savings account and secure grant funding to pay for many of the projects without having to borrow money with interest.

OUR PLANNING STARTS EARLY

We contemplate projects years or decades before we need to implement them because many of these projects are costly and we want to pay for them without incurring debt. As part of this effort, we also identify needed infrastructure improvements based on analysis and assessment to ensure that rehabilitation projects mitigate against undisrupted service and expansion projects are completed in time for increased service demands.

For more information about water, wastewater, and solid waste rates and services, visit roseville.ca.us/eu or call (916) 774-5300.

TABLE 1: PROPOSED RATE INCREASES 2019-2021 – IMPACT ON TYPICAL RESIDENTIAL CUSTOMER ⁽¹⁾

	Current FY 18/19 Bill	Approximate Proposed FY 19/20 Rate Adjustment ⁽²⁾	FY19/20 Estimated Increase (eff.7/1/19)	FY 19/20 Estimated Bill	Approximate Proposed FY 20/21 Rate Adjustment ⁽²⁾	FY 20/21 Estimated Increase (eff.7/1/19)	FY 20/21 Estimated Bill
Water	\$44.03	3%	\$1.43	\$45.46	3%	\$1.38	\$46.84
Wastewater	\$38.99	4%	\$1.56	\$40.55	4%	\$1.63	\$42.18
Solid Waste	\$24.35	5%	\$1.22	\$25.57	5%	\$1.28	\$26.85
Total⁽²⁾	\$107.37	4%	\$4.21	\$111.58	4%	\$4.29	\$115.87

(1) Rates are for a typical residential customer who uses 1,400 cubic feet of water per month, flat wastewater rate, single 90 gallon refuse bin, and single 90 gallon green waste bin.

(2) Rate adjustments are approximate. Actual charges may vary due to rounding.

WATER: In July 2019, an average single family home with typical water usage can expect their monthly water bill to increase about \$1.43 a month, from about \$44.03 to \$45.46. The proposed July 2020 increase would result in the bill increasing by \$1.38 to \$46.84. The proposed City of Roseville water rate adjustments do not apply to customers receiving water utility bills from the Placer County Water Agency or San Juan Water District. Water rate adjustments reflect increasing costs of regulatory requirements, power and chemicals, maintaining financial reserves, and slight adjustments to the cost of service analysis.

WASTEWATER: In July 2019, a typical single family home can expect their monthly wastewater bill to increase \$1.56 a month, from \$38.99 to \$40.55. The proposed July 2020 increase would result in the bill increasing by \$1.63 to \$42.18. Similar to water, wastewater rate adjustments reflect increasing costs, additional regulatory requirements, power and chemical costs, and maintaining financial reserves.

SOLID WASTE: Proposed Revenue Adjustments: 5% each year in 2019 and 2020, The City sets solid waste rates that are charged to residents and businesses in order to meet the revenue required to continue providing quality solid waste service. The proposed increases are largely driven by tight labor markets for commercial truck drivers and rising tip fees levied to fund new organics processing infrastructure. Revenue is also expected to decrease due to the loss of income from recycling markets, which is affecting solid waste operations throughout California and the United States. To accommodate these changing factors, the City proposes a steady revenue adjustment of 5% per year in 2019 and 2020.

IMPACT ON COMMERCIAL CUSTOMER BILLS: Commercial water and wastewater rates vary by type of customer and usage levels.

RESIDENTIAL: With these increases, residential solid waste rates would go up \$1.22 in 2019 and \$1.28 in 2020.

Residential Refuse Service	Current	Effective 7/1/2019	Effective 7/1/2020
Fixed refuse monthly charge (one trash container and one green waste container as identified in Section 9.12.100.A.2)	\$24.35	\$25.57	\$26.85
Additional empty of a 60- or 90-gallon container	\$15.92	\$16.72	\$17.55
Each additional green waste container	\$8.84	\$9.28	\$9.75
Each additional 90-gallon refuse container	\$16.65	\$17.48	\$18.36
Additional empty of a green waste container	\$11.70	\$12.29	\$12.90
Refuse 60- or 90-gallon replacement charge	\$71.13	\$74.69	\$78.42
Fixed fee for the return of a confiscated green waste container due to contamination	\$113.72	\$119.41	\$125.38
Temporary removal of a residential service	\$48.69	\$51.12	\$53.68
Move in box pick-up	\$86.09	\$90.39	\$94.91
Temporary dumpster delivery and removal and per yard charge (6 yards only)	\$119.33	\$125.30	\$131.56

COMMERCIAL: To improve efficiency of operations and ensure that rates are in-keeping with the cost of providing services, the City is also considering changing its commercial rate structure. The 5% increase in 2019 would be implemented through the current rate structure and the 2020 revenue requirement could be met by the new structure while offering rate decreases to 44% of all commercial accounts. Under this structure, all accounts serviced once per week would receive at least a 2% decrease in their monthly rate, and incrementally larger rate increases would be charged to accounts serviced multiple times per week. See the table below for an example of how the new rate structure would affect rates if instituted in 2020.

Commercial Service: Frontloader and Rearloader*	Current	Effective 7/1/2019	Effective 7/1/2020
Frontloader and rearloader commercial dumpster and sidewalk can per yard charge	\$9.99	\$10.49	See Commercial & Recycling Rate Transition Sheet at www.Roseville.ca.us/2019rates
Frontloader and rearloader dumpster extra pick-up per yard charge	\$9.99	\$10.49	
Frontloader and rearloader compactor per yard charge	\$18.00	\$18.90	
Frontloader cardboard dumpster and compactor per yard charge	\$13.27	\$13.93	
Frontloader cardboard dumpster and compactor extra pick-up per yard charge	\$3.07	\$3.22	

Roll-Off Commercial Open Top and Compactor Services*	Current	Effective 7/1/2019	Effective 7/1/2020
Minimum charge per haul (base rate) without tonnage* All sizes	\$297.55	\$312.43	\$328.05
Roll-off 100% recycling bin	\$162.93	\$171.08	\$179.63

*Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority. With city department head approval, some entities may pay tonnage charges directly to Western Placer Waste Management Authority.

Temporary Frontloader, Rearloader and Roll-Off Charges*	Current	Effective 7/1/2019	Effective 7/1/2020
Frontloader and rearloader temporary dumpster delivery and removal charge	\$59.41	\$62.38	\$65.50
Frontloader and rearloader temporary dumpster per yard charge	\$9.99	\$10.49	\$11.01
Frontloader and rearloader temporary dumpster rental fee per week	\$56.55	\$59.38	\$62.35
Roll-off temporary dumpster minimum charge per haul (base rate)	\$297.55	\$312.43	\$328.05
Tonnage (per ton charge)*			
Roll-off temporary dumpster rental fee per week	\$102.69	\$107.82	\$113.22

*Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority.

Additional Commercial Service Rates*	Current	Effective 7/1/2019	Effective 7/1/2020
Standby service charge per occurrence	\$49.21	\$51.67	\$54.25
Emergency after hours call out service charge per occurrence	\$153.77	\$161.46	\$169.53
Fixed monthly commercial charge	\$27.31	\$28.68	\$30.11
60- or 90-gallon automated container monthly charge	\$24.35	\$25.57	\$26.85
Commercial bin assistance charge per occurrence	\$43.02	\$45.17	\$47.43
Fixed fee for additional pick-up of a city owned 60- or 90-gallon automated container	\$15.92	\$16.72	\$17.55

*The amounts billed to commercial customers will vary with the types of service and the number of pick-ups in a billing period.

COMMERCIAL ORGANIC SHARED COMPACTOR RATES			
Current	Effective 7/1/2019	Effective 7/1/2020	
Tier 1: \$5.70 per 1,000 square feet of building area or per dwelling unit	Tier 1: \$5.99 per 1,000 square feet of building area or per dwelling unit	Tier 1: \$6.29 per 1,000 square feet of building area or per dwelling unit	
Tier 2: \$23.01 per 1,000 square feet of building area	Tier 2: \$24.16 per 1,000 square feet of building area	Tier 2: \$25.37 per 1,000 square feet of building area	
Tier 3: \$48.61 per 1,000 square feet of building area	Tier 3: \$51.04 per 1,000 square feet of building area	Tier 3: \$53.59 per 1,000 square feet of building area	
COMMERCIAL ORGANIC RATES			
Organic Waste Collection Rates	Minimum Monthly Charge Current	Minimum Monthly Charge (Effective 7/1/2019)	Minimum Monthly Charge (Effective 7/1/2020)
0-2 yards *	\$78.03	\$81.93	\$86.03
0-4 yards**	\$156.01	\$163.81	\$172.00
5 yards	\$195.02	\$204.77	\$215.01
6 yards	\$223.99	\$245.69	\$257.97
7 yards	\$273.11	\$286.77	\$301.10
8 yards	\$312.02	\$327.62	\$344.00
9 yards	\$350.98	\$368.53	\$386.96
10 yards	\$389.99	\$409.49	\$429.96
11 yards	\$429.11	\$450.57	\$473.09
12 yards	\$467.97	\$491.37	\$515.94
Extra pickup for one yard bin or cart equivalent	\$58.52	\$61.45	\$64.52
Extra pickup for two yard bin or cart equivalent	\$78.03	\$81.93	\$86.03

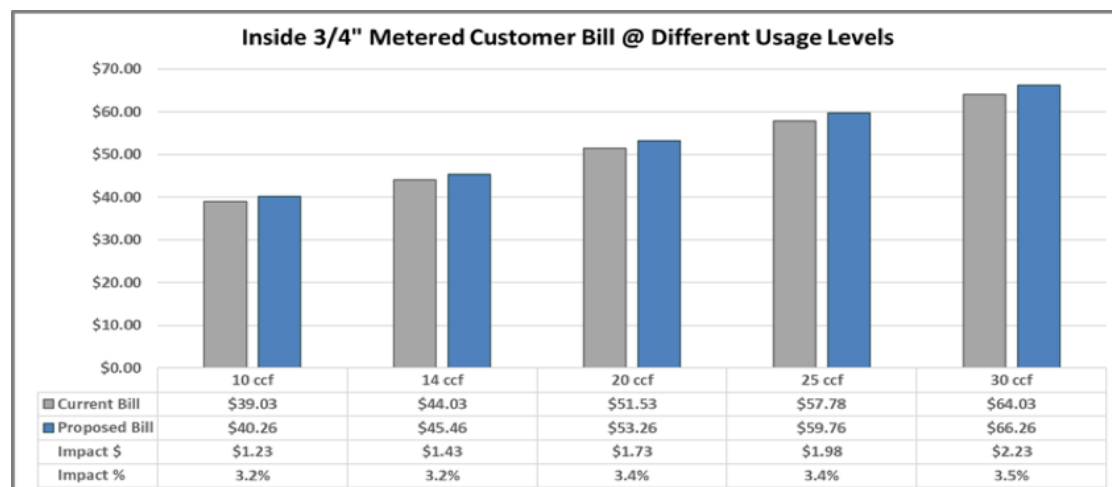
*Applies to customers subject to Roseville Municipal Code Section 9.12.100.B.3.b.

**Applies to customers subject to Roseville Municipal Code Section 9.12.100.B.3.a.

The City is considering transitioning to an incentivized rate structure for commercial front-loader services over the next two years. If implemented, the City will work with existing customers to right-size cans to smooth the transition. New customers would automatically be placed on the new structure. For additional details please refer to www.Roseville.ca.us/2019rates.

Complete rate sheets including all rates for multi-family and commercial customers and all supplemental services can be found online at www.Roseville.ca.us/2019rates.

CURRENT AND PROPOSED WATER RATES			
Uniform Rate (Residential and Commercial)	Current ⁽²⁾	Effective 7/1/2019	Effective 7/1/2020
All Metered Water Use (\$ per 100 cubic feet)	\$1.25	\$1.30	\$1.34
Non-Metered or Flat Service Charges (\$/month)	Current	Effective 7/1/2019	Effective 7/1/2020
Single family lots up to 4,900 s.f.	\$30.40	\$37.38	\$38.51
Single family lots 4,901 to 8,900 s.f.	\$39.73	\$42.13	\$43.40
Single family lots 8,901 to 12,000 s.f.	\$49.57	\$45.79	\$47.17
Single family lots 12,001 to 15,000 s.f.	\$58.91	\$49.36	\$50.85
Mobile Home Unit in Mobile Home Park	\$28.16	\$34.47	\$35.51
Metered Rates Monthly Service Charges (\$/month) ⁽¹⁾	Current ⁽²⁾	Effective 7/1/2019	Effective 7/1/2020
3/4" meter	\$26.53	\$27.26	\$28.08
1" meter	\$42.27	\$42.07	\$43.34
1 1/2" meter	\$81.24	\$79.09	\$81.47
2" meter	\$128.22	\$123.51	\$127.22
3" meter	\$237.88	\$264.20	\$272.13
4" meter	\$394.51	\$471.52	\$485.67
6" meter	\$785.72	\$967.61	\$996.64
8" meter	\$1,255.38	\$2,078.26	\$2,140.61
10" meter	\$1,803.46	\$3,114.89	\$3,208.31



CURRENT AND PROPOSED WASTEWATER RATES			
Wastewater Rates	Current	Effective 7/1/2019	Effective 7/1/2020
Residential (per month)	\$38.99	\$40.55	\$42.18
Commercial Accounts Per Sewer Unit ⁽³⁾	\$38.99	\$40.55	\$42.18
Commodity Rate (\$/CCF) ⁽⁴⁾	\$3.90	\$4.06	\$4.23
Recycled Water (\$/CCF) ⁽¹⁾	\$0.63	\$0.65	\$0.67

(1) Recycled water customers will pay 50% of the potable water rates effective 7/1/2019 and 60% of potable rates effective 7/1/2020.

(2) Currently, customers outside the City limits pay rates 60% higher than rates shown above. Outside City rates were eliminated during the cost of service update.

(3) The number of sewer units for each account is determined as specified in Chapter 14.16 of the Municipal Code.

(4) Applies to water use in excess of 10 CCF/month for metered commercial customers.

WHERE YOUR MONEY GOES



MAINTAINING FINANCIAL RESILIENCY:

To protect the City's good credit rating, Environmental Utilities has a reserve policy that will maintain credit worthiness and allow the utilities to readily respond to unexpected and costly situations.



KEEPING SOUND AND STABLE UTILITIES:

To ensure high levels of customer satisfaction and reliable utility services, it takes a healthy staffing level, quality programs and needed infrastructure to deliver services that customers have grown to rely on and appreciate.



COMPLYING WITH CHANGING REGULATORY CLIMATE:

State and federal mandates result in unfunded programs and services. Environmental Utilities has implemented new programs as a result of recent laws, and are responding to additional mandates moving forward.



Financial Management Policy

April 2015

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1. Executive Summary

The Roseville Environmental Utilities Department (the “EUD” or the “Department”) manages the city’s water, wastewater and solid waste utilities (the “Utilities”). The Utilities are separately managed financial entities and as such, each faces different constraints and environments and must manage its finances accordingly. With this notion in mind, the Utilities developed this Financial Management Policy (the “Policy”) with the intent of giving each Utility a set of guidelines with which it can successfully and prudently manage its finances.

The Policy affirms the currently used Rehabilitation and Enterprise Fund guidelines, clarifies and adjusts targets for cash flows available for debt service and operating costs, and establishes targets for sizing Reserves (previously 10% of Operating Expenses).

Specifically, the Policy sets cash flow management guidelines for both the debt holding and non-debt holding enterprises and recommends reserve levels based on each Utility’s respective risk profile. To the extent that a Utility holds public debt, the Policy establishes Debt Service Coverage (“DSC”) targets to ensure the Utility’s ability to meet both its operating and debt service obligations; otherwise, the Policy recommends managing cash flow by targeting an Operating Ratio (Operating Income divided by Operating Expenses). The Policy then sets recommends reserve levels in order to help the Utilities manage exposure to operating risks, critical failures, and rate volatility. The Policy also provides recommended conditions for rate actions when cash flows and/or Reserves deviate from their prescribed targets.

2. Introduction

The Utilities are publicly-owned community assets for the City of Roseville (“Roseville” or the “City”) that provide safe, reliable, competitively-priced water, wastewater, solid waste, and recycled water services to all of their customers. The Utilities prepared the Policy with the intent of establishing guidelines for managing the financial profiles of each Utility.¹

The Policy is divided into six sections: Purpose, Defining Financial Strength, Enterprise Fund Fees and Rates, Rehabilitation Funds, Recommended Debt Service Coverage and Operating Ratio Policies, Recommended Reserve Policies, and Interaction between Coverage and Reserves.

It is intended that to maintain relevance, the Utilities will revisit the Policy periodically if there is a material change in risk exposures or conditions.

¹The Policy focuses on the Water, Wastewater, and Solid Waste Utilities as the Recycled Water Utility does not keep independent financial records but is currently part of the Wastewater Utility.

3. Purpose

The purpose of this Financial Management Policy is to provide a set of guidelines for prudently managing the financial profiles of the Utilities. In practice, this Policy will discipline the budgeting and rate setting practices, establish guidelines to improve the financial health of each Utility over the long term, and seek to balance the need for capacity growth while maintaining competitively low rates.

Like all enterprises, the Utilities manage cash flow to cover expenditures and hold reserves to address anticipated and unanticipated funding requirements.

The Policy is based upon the understanding that the following factors are important and should serve as the relevant goals of the Policy. These goals establish that each Utility should:

1. Manage rates to avoid significant year-over-year rate adjustments.
2. Strive to maintain and invest in its respective system.
3. Maintain reserves for financial exposures.
4. Cost-effectively obtain funds to maintain and invest in its respective system.

The Policy is further intended to offer the Roseville City Council (the “City Council”) guiding directives to staff for decisions and recommendations related to the financial profile of each Utility.

The Policy is not prescriptive in terms of how the Utilities set rates; however, there is a nexus between the rates that each Utility charges and its respective financial profile. While the Policy attempts to recognize the balance between each enterprise’s risk management, financial risk management and rate setting, the Policy cannot resolve conflicts between competing objectives and so it instead provides guidelines for the financial management of each Utility to be considered by the City Council and staff in coordination with other considerations.

4. Defining Financial Strength and Credit Considerations

The Utilities' businesses are subject to a number of significant environmental, market, and regulatory considerations on national, state, and local levels. The determination of financial strength is subjective, but it ultimately relates to the expectation that the Utilities can continue to meet their primary financial goals in the context of the macro considerations that each Utility faces.

Anticipated and Unanticipated Financial Considerations

One characteristic of financial strength is the ability to prepare for anticipated events and obligations including, but not limited to:

- Operation and maintenance expenses (O&M).
- Debt service payments.
- Exposure to weather related events such as droughts.
- Response to existing or impending regulations.

Another characteristic of financial strength is the ability to address unanticipated considerations including, but not limited to:

- Unanticipated general reduction in customer demand.
- One or more operational events (natural disaster or other events including force majeure, etc.) that could dramatically increase costs or reduce resource options, the loss of one or more large customers.
- Market disruption that increases the cost of borrowed funds.
- Counterparty's inability to perform on a contract.
- Change in regulatory or environmental regulations.
- Unanticipated increase in compensation costs.

While such considerations are by nature, unanticipated, the Policy recognizes that the financial strength of each Utility is at least partially related to the ability to address such considerations should they arise.

Ratings as Indicators of Financial Strength

While credit ratings are important yardstick indicators of financial strength, the Policy is not focused on maintaining credit ratings but rather the overall financial strength of the Utilities as only some of the Utilities have or will have ratings. It is expected, however, that by following the guidelines of the Policy, the Utilities will maintain strong credit ratings. Specifically, it is expected that the Water Utility will be able to maintain A+ category ratings and will be able to make a strong case for AA- category ratings while the Wastewater Utility will be able to support the South Placer Wastewater Authority ("SPWA") in maintaining AA-, or higher, category ratings. SPWA issues debt on behalf of the City of Roseville, Placer County and South Placer Municipal Utility District for regional wastewater treatment facilities to be used by these agencies.

5. Enterprise Fund Rates and Fees

Environmental Utilities are 100% self-sufficient. The primary revenue streams for the Utilities are rates and fees established by the City Council. This Policy identifies the manner in which rates and fees are set and the extent to which they cover the cost of services provided. A revenue system that requires the identification of both the cost of the programs and the portions of the cost that will be recovered through those revenues allow the Department and its utility customers to develop a better understanding of the cost of services and to consider the appropriateness of established rates and fees.

Policy

The City will set rates and fees at levels related to cover the reasonable cost of providing services which includes direct and indirect costs such as operating and maintenance, overhead, infrastructure rehabilitation, and debt service. The Department will review these rates and fees annually in the budget process and will recommend rates that are expected to produce revenues sufficient to fully fund the reasonable costs of providing services. Further,

- All rates and fees shall be adopted in accordance with the provisions of Prop 218 and AB1600.
- The City will examine utility rates through the cost of service process every two years or as otherwise determined in an effort to avoid the rate shock that occurs when rates are evaluated less frequently.
- Revenue and expenses will be projected using conservatism.
- Revenue requirements will be based on long-term planning objectives.

During the rate and fee setting process, the City will consider the rates and fees of other agencies as comparing the City's rates and fees to other agencies' provides useful background information because:

- Other agencies' rates and fees reflect in some ways the current "market's" rates for similar services provided by the Utilities and can assist the City is assessing the reasonableness of proposed rate and fee changes.
- They can serve as a benchmark for how cost-effectively the Utilities are providing their services.

Rates and fee comparisons, however, should never be the sole or primary criteria used in the City's rate and fee setting process. The City should also place under consideration:

- What level of cost recovery is the rate and/or fee intended to achieve?
- What costs are considered in the computation of rates and fees?

- Timing: When was the last time the other agencies' fees were comprehensively evaluated?
- What level of service do the other agencies provide compared to the City's?
- Are other agencies' rate structures significantly different than the City's and what is each entities' rate structure intended to achieve?

6. Rehabilitation Funds

The Utilities have established Water, Wastewater and Solid Waste Rehabilitation Funds (the "Rehabilitation Funds". The Water and Wastewater Rehabilitation Funds administer the capital rehabilitation and replacement of existing infrastructure assets. Solid Waste Rehabilitation Funds are used for the rehabilitation and replacement of bins and cans.

Policy

Sources of Revenue

The primary source of revenue for the Rehabilitation Funds is Utility rates. City Council adopted Utility rate schedules include an amount for the rehabilitation or replacement of infrastructure assets or capital assets for each utility. The rates are collected in the Operations Funds and transferred to the Rehabilitation Funds.

The Wastewater Rehabilitation Fund also includes local wastewater connection fees. These fees are collected for the specific purpose of purchasing and/or replacing capital equipment required for the maintenance of wastewater facilities. Other sources of revenue for the Wastewater Rehabilitation Fund include:

- Interest earned on unexpended funds or reserves that will remain in the Rehabilitation Funds and be available for approved expenditures.
- Any grant, loan, or other source of revenue obtained for the purpose of capital rehabilitation or replacement or infrastructure assets will be included in the Rehabilitation Fund, made available for approved expenditures, and accounted for as required by the grant, loan, or other source.

Expenditures

Rehabilitation Funds may only be used for Water and Wastewater infrastructure asset or Solid Waste capital asset capital rehabilitation or replacement expenditures. These expenditures:

- Must serve the purpose of benefiting the existing Water, Wastewater, or Solid Waste Utility customers.
- Must be approved by City Council.

- Must be included in the Rehabilitation Plan unless needed for unanticipated utility emergency purposes.
- May include updates necessary to comply with changes to regulatory requirements.
- Must be necessary to maintain the existing level of service which may include technological advancements.
- Must not increase capacity or conduct improvements beyond the scope described above.
- May be approved to pay for the respective utilities' debt service.
- If incurred in conjunction with an outside source of revenue (i.e. grant), must be accounted for as required by the outside revenue source.

Investments

Investments must be made in accordance with City investment policies.

Fund Balances

The Rehabilitation Funds will be administered independent of each other and of any other funds within the Utilities or the City. Lending of funds to or from the Rehabilitation Funds must be approved by City Council, must be considered only for the benefit of the respective water, wastewater, and solid waste systems and utility funds, and only for the benefit of the respective water, wastewater, and solid waste customers. Interest will be paid at the then prevailing interest rate for city-pooled investments. Further, the majority of each Utility's Rehabilitation Fund balances should be invested or held in "liquid" assets (e.g. cash, money market accounts, treasuries, etc.) in order to ensure that immediate rehabilitation expenses can be met in a timely manner. Lending from the Rehabilitation funds will only be considered if they do not conflict with planned capital plan needs over the horizon of the repayment period.

Assessment of Capital Plan

The water and wastewater capital rehabilitation and replacement needs will be reevaluated periodically. Items to be considered include, but are not limited to:

- Asset lifetimes by class of asset
- Inflation rates for both operating and capital costs
- Unit costs for asset replacement
- Fund interest yield rates
- Condition, criticality, and operational usefulness of assets
- Desired levels of service
- Consequences when desired levels are not met
- Risk of asset failure and level of acceptable risk of failure
- Measurements of various asset attributes that indicate how well an asset performs

The amounts transferred from Operation Funds to Rehabilitation Funds will be adjusted as necessary to reflect changes in the rehabilitation and replacement funding requirements. The impact of such adjustments on utility rates will also be analyzed to determine if an adjustment to water, wastewater, or solid waste utility rates is necessary.

Roseville Public Utilities Commission

The Roseville Public Utilities Commission will provide recommendations on the implementation of these policies, as appropriate, consistent with their role as an advisory body to the Roseville City Council.

Rehabilitation Fund Policy Review

The Rehabilitation Fund Policies designate a reassessment of the policies from time to time to determine if any changes are necessary. Any changes must be approved by the City Council.

7. **Recommended Debt Service Coverage and Operating Ratio Policies**

This Policy recommends managing funds primarily to Debt Service Coverage (“DSC”) or Operating Ratios while maintaining a focus on reserves as well in order to meet each Utility’s management goals.

Policy

A practical minimum DSC is 1.00x without reserves because at 1.00x, the Utilities are paying operating costs and debt service on a cash flow basis. There are, however, below the line cash outflows that should also be considered.

Direct Debt Service Coverage and Operating Ratio Policy

This Policy recommends the Water and Wastewater Utilities maintain DSC of 1.80x. This level maintains a cushion above the bond covenant requirement of 1.10x for the Wastewater Utility and 1.20x for the Water Utility. At 1.80x DSC, the Water and Wastewater Utilities can reliably use cash flow to pay for their operations including related depreciation expenses. The 1.80x DSC would leave adequate cash funding available to invest in general system improvements; however, significant capital improvements or additions would probably have to be financed with debt. This strikes a balance between funding capital through higher rates paid by current customers and funding capital through bond financing paid by future customers.

The Solid Waste Utility has historically enjoyed stable Net Operating Revenues. Due to the lack of volatility and overall lack of depreciable assets, it is recommended that the Solid Waste Utility maintain an Operating Ratio of 1.30x. The 1.30x Operating Ratio would leave sufficient cash funding available to invest in any necessary capital improvements on a pay-go basis.

Using Reserves to Meet Coverage

The Policy recommends that the Utilities calculate DSC and Operating Ratios without Reserves and without accounting for Rate Stabilization Fund draws. The use of rolling coverage in calculating DSC is very useful for legal compliance purposes but it is not recommended for operating and financial management purposes as it may give an inaccurate depiction of financial health.

8. Recommended Reserve Policy

Reserves are important to the Utilities because they help to:

- Ensure cash exists for the timely payment of bills.
- Maintain the short-term and long-term financial health of each Utility.
- Maintain stable rates for customers.
- Fund unanticipated cost contingencies.
- Ensure funds exist for system improvements.
- Act as a significant factor in bond ratings.
- Identify when financing should be procured.
- Identify the need for rate actions.

Policy

The most common approach to sizing Reserves is by number of days of expenses. Water and wastewater utilities of about equivalent size to the City of Roseville Water and Wastewater Utilities typically have reserves of at least 250 days. Reserves of approximately 365 Days' Cash would be more typical for AA-/A+ category rated utilities and would be more appropriate to match the risks that the Water and Wastewater Utilities manage. It is recommended that the Solid Waste Utility maintain Days' Cash of approximately 90 days for the reasons described below.

Operating Risk Management

The Utilities use reserves to handle fluctuations and adjustments in every day expenses.

It is recommended that each Utility maintains approximately 90 days' worth of Operating Expenses as one subcomponent of the Reserves. Such reserves would, amongst other things, be intended to cover timing issues with regard to payments, fluctuations in purchased water costs, and other operational issues. In consideration of these fluctuations in cost and cash requirement, 90 Days' Cash for regular operation management is a modest first component of the recommended Reserves.

System Critical Failure

Each Utility should consider maintaining a portion of the Reserves that is for a single emergency event (e.g. treatment facility closure, conveyance disruption, etc.). In total, it is recommended that the Reserves set aside for system critical failure be equivalent to approximately 1.0 - 2.0% of the Capital Assets belonging to each respective Utility. Due to the lack of Capital Assets possessed by the Solid Waste Utility, it is not recommended that the Solid Waste Utility keep any reserves for the event of a system critical failure.

This component of the Reserves may be forgone if it is determined that each Utility's exposure to critical failures is adequately covered through insurance.

Rate Stabilization

In addition to addressing operating and maintenance issues, Reserves serve two other important purposes:

1. Reserves act as a shock absorber for ratepayers.
2. Reserves offer security to each Utility's debt holders. If an unusual financial or operating event leaves a Utility short of cash, Reserves can be used to avoid an immediate increase in rates to cover the shortfall.

Keeping some Reserves for rate stabilization would allow the Utilities to ensure that under virtually no circumstance would an Event of Default situation occur within a single year, and that the City Council would have the year to contemplate ways to prevent investors from enforcing rate actions on the Utilities' customers.

For such reasons, it is advisable that the Water and Wastewater Utilities target Reserves sized for rate stabilization at approximately 50% of annual operating expenses or roughly 180 Days' Cash. Because the Solid Waste Utility does not hold any debt and has historically experienced very stable net revenues, it is recommended that the Solid Waste Utility not hold any reserves for the purpose of rate stabilization.

Other Uses for Reserves

The aforementioned categories are those that most clearly merit the allocation of Reserves but are by no means the only categories of financial exposure that the Utilities could manage with Reserves. For instance, the Utilities have significant Pension and Other Post-Employment Benefit liabilities that could generate a cash requirement. Further, to the extent that the Solid Waste Utility faces fees for the closure of a landfill or similar occurrence, it may be prudent to hold additional reserves for such an event. Other risk categories such as interest rate exposure are relatively small and do not need to be reserved for separately, but are real risks that could potentially be managed with Reserves.

Reserve Policy Summary

These recommendations would suggest that the following would be the appropriate Reserve levels for each Utility:

- Operating Risk Management: 90 Days' Cash
- System Critical Failure (Water and Wastewater Only): 1.0 - 2.0% of Capital Assets
- Rate Stabilization (Water and Wastewater only): ~180 Days' Cash
- Total Reserves: ~270 Days' Cash plus 1.0 - 2.0% of Capital Assets (Water and Wastewater); 90 Days' Cash (Solid Waste)

While these areas of consideration were evaluated in order to conceptualize the appropriate size of the Reserves, each Utility intends to maintain a single Reserve without separate buckets. These Reserve allocations are neither abnormally high nor low for industry standards. Each component of the Reserves is sized at less than the maximum possible exposure for each component because there is a recognition that it is unlikely several of the risks each Utility faces would materialize simultaneously.

Building and Drawing Upon Reserves

The Water and Wastewater Utilities are targeting Reserves of about 270 Days' Cash plus 1.0 - 2.0% of Capital Assets while the Solid Waste Utility is targeting 90 Days' Cash, however, there is no intention of setting rates to maintain Reserves equal to the levels prescribed above. The purpose of Reserves is to address the financial impacts of revenue and expense fluctuations and unanticipated events. Excess reserves can be used for several financial imperatives including but not limited to: financing capital improvements on a pay-go basis, paying down existing debt, or lowering rates. The general philosophy of the proposed range is that the Water and Wastewater Utilities should target 270 Days' Cash plus 1.0 - 2.0% of Capital Assets and the Solid Waste Utility should target reserves of 90 Days' Cash. Each of the Utilities should limit reserves to 130% of the respective reserve targets.

Each Utility's Reserves would increase or decrease depending upon many factors for a given year; however, to the extent that each Utility achieves its DSC or Operating Ratio Policy targets, Reserves would remain fairly stable. Reserves would increase or decrease under the following conditions:

- Net Revenues Available for Debt Service are higher or lower than budgeted/projected as a result of higher or lower Revenues and Expenses
- Debt Service is higher or lower than budgeted/projected
- Capital investment in the system from Net Revenues is higher or lower than budgeted/projected
- Debt issued for capital investment is greater or less than budgeted/projected

9. Interaction Between Coverage and Ratios, Reserves, and Rates

For reasons described in the sections above, the Policy prescribed specific targets for DSC and Operating Ratios and Reserves. However, the Policy anticipates that in practice there is a range of acceptable results and a balance between cash flow and reserve levels is warranted.

A rate increase should be considered by the City Council if any of the following conditions (the “Rate Increase Conditions”) are projected in the five-year forecast:

- DSC without Reserves will be less than 1.80x
- Operating Ratios (Solid Waste Only) without Reserves will be less than 1.30x
- Any rate increase would be greater than six percent
- A major expenditure is expected

Rate increases indicated by the above conditions that would exceed six percent in any one year can be spread over multiple years.

No rate increase for the purpose of increasing reserves or DSC should be considered if DSC or Operating Ratios without Reserves are above their respective targeted levels and Reserves are projected to be greater than the targeted levels of 270 Days’ Cash plus 1.0 – 2.0% of Capital Assets for the Water and Wastewater Utilities and 90 Days’ Cash for the Solid Waste Utility.

Lastly, it is important to note that recommendations in the Policy are associated with projected financial conditions for the Fiscal Year End of future years. Actual results will vary based on weather, market conditions, etc. In addition, Reserves and cash flow may be more or less robust within a Fiscal Year, relative to the Fiscal Year End but considering such fluctuations within a year would overly complicate monitoring with only marginal benefit.

10. Conclusion

The Policy was drafted with the intent of providing guiding directives to the Utilities' management and staff for decisions and recommendations related to each Utility's financial profile.

The Policy is a fairly incremental change from existing policies. Specifically, the Policy affirms the currently used Rehabilitation and Enterprise Fund guidelines, clarifies and adjusts targets for cash flows available for debt service and operating costs, and adjusts targets for sizing Reserves (previously 40% of Operating Expenses).

In its most abbreviated form, the Policy targets 1.80x DSC without Reserves for the Water and Wastewater Utilities and an Operating Ratio of 1.30x for the Solid Waste Utility. It targets Unrestricted Reserves sized at 270 Days' Cash plus 1.0 – 2.0% of Capital Assets for the Water and Wastewater Utilities and 90 Days' Cash for the Solid Waste Utility and establishes tolerable maximums. The Policy also provides recommended conditions for rate actions when cash flows and/or Reserves deviate from the targets. The table below summarizes the policy targets described above.

Summary of Policy Targets			
Utility	Water	Wastewater	Solid Waste
Debt Service Coverage or Operating Ratio (x)	1.80 DSC	1.80 DSC	1.30
Reserves (Days' Cash)			
Operating Risk Management	90	90	90
System Critical Failure (% of Capital Assets)	1-2%	1-2%	0%
Rate Stabilization	180	180	0
Total	270 + 1-2% of Capital Assets	270 + 1-2% of Capital Assets	90

The Policy is intended to be revisited and updated periodically if there are material changes in the risk exposures or conditions each Utility faces.

Finally, and perhaps most importantly, the Policy is ultimately intended to serve as a guide and it in no way restricts the ability of the City Council to review proposed rate actions, debt issuances, or other actions of substance to each Utility.

Appendix I – Peer Water Utility Financial Management Results

Peer Water Utility Financial Results (FY2014)			
Utility	City of Redding ¹	City of Sacramento ²	Yuba City
Ratings (M/S/F)	-/AA/-	-/AA-/AA-	-/A+/AA-
Revenues/Expenses			
Operating Revenues	\$18,423,339	\$94,382,000	\$11,794,764
Operating Expenses (Excluding Depreciation)	\$13,245,963	\$43,215,000	\$4,815,664
Net Operating Revenue	\$5,177,376	\$51,167,000	\$6,979,100
Non-Operating Revenue (Expenses)	\$1,074,049	(\$4,373,000)	\$2,468,918
Net Revenue Available for Debt Service ³	\$6,515,804	\$46,794,000	\$5,204,350
Depreciation & Amortization	\$3,457,758	\$16,951,000	\$4,718,299
Net Revenue after Depreciation & Amortization	\$2,793,667	\$29,843,000	\$4,729,719
Cash			
Unrestricted ⁴	\$23,402,105	\$71,087,000	\$14,543,831
Days' Cash on Hand	645	600	1,102
Debt			
Total Debt Outstanding	\$5,925,956	\$399,134,612	\$50,214,569
Annual Debt Service	\$1,091,335	\$11,279,000	\$2,915,149
Debt Service Coverage (Operating)	5.97x	4.15x	1.79x
Debt Service Coverage	4.74x	4.54x	2.39x

¹Issues debt through the Redding Joint Powers Financing Authority

²City of Sacramento reports data rounded to the nearest thousand

³If not specified, assumed to be Net Operating Revenue (Excluding Depreciation) plus Non-Operating Income

⁴Unrestricted Cash defined as: "Unrestricted Net Assets"

Data from City of Redding, City of Sacramento, and Yuba City comprehensive annual financial reports

Appendix II – Peer Wastewater Utility Financial Management Results

Peer Wastewater Utility Financial Results (FY2014)			
Utility	City of Redding ¹	City of Stockton	City of Vacaville
Ratings (M/S/F)	-/AA/-	Ba1/-/A-	-/-/-
Revenues/Expenses			
Operating Revenues	\$22,720,092	\$59,953,318	\$32,219,462
Operating Expenses (Excluding Depreciation)	\$12,527,074	\$40,172,822	\$18,603,458
Net Operating Revenue	\$10,193,018	\$19,780,496	\$13,616,004
Non-Operating Revenue (Expenses)	(\$175,350)	(\$3,662,856)	(\$662,109)
Net Revenue Available for Debt Service ²	\$11,645,032	\$21,057,331	\$12,953,895
Depreciation & Amortization	\$5,924,400	\$11,161,304	\$5,367,829
Net Revenue after Depreciation & Amortization	\$4,093,268	\$4,956,336	\$7,586,066
Cash			
Unrestricted ³	\$20,151,993	\$38,576,321	\$61,918,880
Days' Cash on Hand	587	350	1,215
Debt			
Total Debt Outstanding	\$91,119,042	\$81,270,000	\$168,768,665
Annual Debt Service	\$8,117,463	\$7,373,138	\$8,557,860
Debt Service Coverage (Operating)	1.26x	2.68x	1.59x
Debt Service Coverage	1.43x	2.86x	1.51x

¹Issues debt through the Redding Joint Powers Financing Authority

²If not specified, assumed to be Net Operating Revenue (Excluding Depreciation) plus Non-Operating Income

³Unrestricted Cash defined as: "Unrestricted Net Assets"

Data from City of Redding, City of Stockton, and City of Vacaville comprehensive annual financial reports